

20021111.qrp v02_n737.qrl.20021111

Date: Mon, 11 Nov 2002 19:03:10 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2737

QRP-L Digest 2737

Topics covered in this issue include:

- 1) [139795] Re: Yaesu FT-817
by "Stephen King" <frstephenk@stfrancishigh.org>
- 2) [139796] Re: Argonaut V message from TenTec
by David Hinerman <WD8CIV@worldnet.att.net>
- 3) [139797] Re: SA/NE 604/614
by David Hinerman <WD8CIV@worldnet.att.net>
- 4) [139798] Re: Limiting IF Amplifier and CW
by David Hinerman <WD8CIV@worldnet.att.net>
- 5) [139799] RE: FT-817 Bug
by "Dave Fifield" <dave@redhotradio.com>
- 6) [139800] Re: Argonaut V message from TenTec
by Thom LaCosta <baltimoremd@baltimoremd.com>
- 7) [139801] Horses for courses...
by "Dave Fifield" <dave@redhotradio.com>
- 8) [139802] Re: Argonaut V message from TenTec
by "James R. Duffey" <jamesd1@flash.net>
- 9) [139803] Re: Another Darn Test
by "Laurie Landry" <landr@nbnet.nb.ca>
- 10) [139804] Re: Argonaut V message from TenTec
by W2AGN <w2agn@w2agn.net>
- 11) [139805] Re: Argonaut V message from TenTec
by "Mike Yetsko" <myetsko@insydesw.com>
- 12) [139806] Re: Argonaut V message from TenTec
by "Mike Yetsko" <myetsko@insydesw.com>
- 13) [139807] RE: Limiting IF Amplifier and CW
by Nick Kennedy <nkennedy@tcainet.net>
- 14) [139808] RE: Argonaut V message from TenTec
by Nick Kennedy <nkennedy@tcainet.net>
- 15) [139809] Spare bedroom portable
by "Bob Mason" <skydive@runswithscissors.us>
- 16) [139810] Re: Argonaut V message from TenTec
by "Mike Yetsko" <myetsko@insydesw.com>
- 17) [139811] SS Sections-NWT??
by "Laurie Landry" <landr@nbnet.nb.ca>
- 18) [139812] Re: Horses for courses...
by "James R. Duffey" <jamesd1@flash.net>
- 19) [139813] Screws

- by Bob Liesenfeld <wb0poq@visi.com>
- 20) [139814] Re: SS Sections-NWT??
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 21) [139815] Re: Screws
by "Mike Yetsko" <myetsko@insydesw.com>
- 22) [139816] Re: SS Sections-NWT??
by "Laurie Landry" <landr@nbnet.nb.ca>
- 23) [139817] Re: Screws
by "Mike WA8BXN" <hubby2k@hotmail.com>
- 24) [139818] Re: Argonaut V message from TenTec
by "Dave Martin" <k2zu@seanet.com>
- 25) [139819] Re: Horses for courses...
by "Dave Martin" <k2zu@seanet.com>
- 26) [139820] Re: Screws
by Steve Smith <sigcom@juno.com>
- 27) [139821] Re: SS Sections-NWT??
by Lew Paceley <lew@paceley.com>
- 28) [139822] Re: Screws
by "JB Crafts" <jbcraft@adelphia.net>
- 29) [139823] FT-817 and NiMH Self Discharge?
by wkhibbert@juno.com
- 30) [139824] Paul, NA5N's E-Mail Address
by "Michael Hall" <MIKE-WB8ICN@worldnet.att.net>
- 31) [139825] Re: Horses for courses...
by "Dave Fifield" <dave@redhotradio.com>
- 32) [139826] RE: Screws
by "Dave Fifield" <dave@redhotradio.com>
- 33) [139827] CQ South Carolina !!!!! 7037 !!!!!
by "George Osier" <gosier@twcny.rr.com>
- 34) [139828] Re: Argonaut V message from TenTec
by "William Phinizy" <k6whp@verizon.net>
- 35) [139829] Re: Screws
by Tim <n9puz@arrl.net>
- 36) [139830] WTB Daiwa CS-401
by WE7X@aol.com
- 37) [139831] New version of G0Log contest logger for Palm OS
by "Dave Ek" <ekdave@earthlink.net>
- 38) [139832] Re: [NJQRP] Paul, NA5N's E-Mail Address
by "Joe Everhart" <n2cx@voicenet.com>
- 39) [139833] New Ten-Tec qrp rig
by "Mark" <m2steven@bellsouth.net>
- 40) [139834] Re: O.T. Re: Web Sites-how about the visually impaired?
by Robert Honan <robertus@harbornet.com>
- 41) [139835] Re: N7CQR log 11/8/02 (UTC)
by "Michael Todd" <hamike@earthlink.net>
- 42) [139836] Re: Horses for courses...
by "Dave Martin" <k2zu@seanet.com>
- 43) [139837] sweepstakes logs

by Dan Presley <talljazz@teleport.com>
44) [139838] RE: Screws For "Poly-Varicons"
by Karl Kanalz <kkanalz@gceecisp.com>
45) [139839] Re: SS Sections-NWT??
by "Laurie Landry" <landr@nbnet.nb.ca>
46) [139840] Re: Horses for courses...
by "Mike Yetsko" <myetsko@insydesw.com>
47) [139841] Re: Ladder line question-balanced coax feeder??
by ve3ab@mail.mondenet.com
48) [139842] Re: Screws
by "Leon Heller" <leon_heller@hotmail.com>
49) [139843] RE: FT-817 Bug
by "Karl F. Larsen" <k5di@zianet.com>
50) [139844] Michigan QRP Net
by kwiike@gdls.com
51) [139845] Re: FT-817 Bug
by "Karl F. Larsen" <k5di@zianet.com>
52) [139846] Re: FT-817 and NiMH Self Discharge?
by "Karl F. Larsen" <k5di@zianet.com>
53) [139847] Re: OT Linux Sendmail
by "Karl F. Larsen" <k5di@zianet.com>
54) [139848] Re: Yaesu FT-817
by "Karl F. Larsen" <k5di@zianet.com>
55) [139849] Re: Screws
by Haines Brown <brownh@hartford-hwp.com>
56) [139850] Re: Another Nor'Easter Lives
by "O'Rourke, Tim" <tiorourke@davidson.edu>
57) [139851] Re: Screws
by "E. Roswell" <eroswell@monmouth.com>
58) [139852] Re: Argonaut V message from TenTec
by Alex <kr1st@amsat.org>
59) [139853] Re: sweepstakes logs
by n8ie <n8ie@woh.rr.com>
60) [139854] Re: Ladder line question-balanced coax feeder??
by David Heintzleman <pstrdave@kdsi.net>
61) [139855] Batteries, Argonauts, and other things...
by "Charles Mabbott" <aa8vs@msn.com>
62) [139856] Re: New version of G0Log contest logger for Palm OS
by W2AGN <w2agn@w2agn.net>
63) [139857] Re: OT Linux Sendmail
by Chris Trask <ctrask@primenet.com>
64) [139858] info on FT-817
by IamSF5@aol.com
65) [139859] Re: OT Linux Sendmail
by Thom LaCosta <baltimoremd@baltimoremd.com>
66) [139860] Re: OT Linux Sendmail
by W2AGN <w2agn@w2agn.net>
67) [139861] Re: FT-817 and NiMH Self Discharge?

by "Stephen King" <firststephenk@stfrancishigh.org>
68) [139862] Ft Wayne Hamfest QRP Forum
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
69) [139863] Re: FT-817 and NiMH Self Discharge?
by "KB3CVS (Tom)" <kb3cvs@comcast.net>
70) [139864] Re: FT-817 and NiMH Self Discharge?
by Thom LaCosta <baltimoremd@baltimoremd.com>
71) [139865] Re: CQ South Carolina !!!!! 7037 !!!!!
by Larry Cahoon <lejek@erols.com>
72) [139866] Two more states fall all QRP
by Larry Cahoon <lejek@erols.com>
73) [139867] Re: FT-817 and NiMH Self Discharge?
by "John J. McDonough" <wb8rcr@arrl.net>
74) [139868] Re: OT Linux Sendmail
by "Karl F. Larsen" <k5di@zianet.com>
75) [139869] Re: [RE: Screws For 'Poly-Varicons']
by "P. Ermisch" <ermisch@usa.net>
76) [139870] PDA Logging advice needed
by Lloyd Lachow <llachow@yahoo.com>
77) [139871] WTB: Daiwa CS-401 coax switch
by WE7X@aol.com
78) [139872] Re: PDA Logging advice needed
by "Ray Goff" <radioham@gmx.co.uk>
79) [139873] Re: OT Linux Sendmail
by John Payne <paynej1@strato.net>
80) [139874] Re: Ladder line question-balanced coax feeder??
by "George, W5YR" <w5yr@att.net>
81) [139875] Needed - schematic for Radio Shack DX-394?
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
82) [139876] Re: Argonaut V message from TenTec
by "Walter Amos" <waltk8cvamosqrp@earthlink.net>
83) [139877] Re: OT Linux Sendmail
by W2AGN <w2agn@w2agn.net>
84) [139878] Electronic Primers
by "Tim, N9PUZ" <n9puz@arrl.net>
85) [139879] Fox - Winter Fox Hunt Teams Results.
by Bruce Rattray <rattray@gpfn.sk.ca>
86) [139880] Re: PDA Logging advice needed
by "Dave Ek" <ekdave@earthlink.net>
87) [139881] Re: PDA Logging advice needed
by "Mike WA8BXN" <hubby2k@hotmail.com>
88) [139882] Getting a bit too personal? Re: OT Linux Sendmail
by Alex <kr1st@amsat.org>
89) [139883] Re: OT Linux Sendmail
by "Mike Yetsko" <myetsko@insydesw.com>
90) [139884] Re: OT Linux Sendmail
by W2AGN <w2agn@w2agn.net>
91) [139885] Re: OT Linux Sendmail

by "Mike Yetsko" <myetsko@insydesw.com>
92) [139886] Need a reference - on-topic!
by "n2cx" <n2cx@voicenet.com>
93) [139887] Re: FT-817 and NiMH Self Discharge?
by "Mike Yetsko" <myetsko@insydesw.com>
94) [139888] Re: OT Linux Sendmail
by David Hinerman <WD8CIV@worldnet.att.net>
95) [139889] RE: OT Linux Sendmail
by Mark Schoonover <schoon@amgt.com>
96) [139890] Re: Need a reference - on-topic!
by Garey Barrell <k4oah@mindspring.com>
97) [139891] Re: FT-817 and NiMH Self Discharge?
by Fred Lesnick <flesnick@tbaytel.net>
98) [139892] Re: Ladder line question-balanced coax feeder??
by "Karl F. Larsen" <k5di@zianet.com>
99) [139893] Re: Need a reference - on-topic!
by "Dave Martin" <k2zu@seanet.com>
100) [139894] Re: OT Linux Sendmail
by "Dave Martin" <k2zu@seanet.com>
101) [139895] Re: FT-817 and NiMH Self Discharge?
by Fred Lesnick <flesnick@tbaytel.net>
102) [139896] Ground Radial Construction Tips
by JLeroy@automationdirect.com
103) [139897] Re: OT Linux Sendmail
by W2AGN <w2agn@w2agn.net>
104) [139898] FOX: This Thursday
by "Karl F. Larsen" <k5di@zianet.com>
105) [139899] SW30+ Question
by k4vib@att.net
106) [139900] Re: FT-817 and NiMH Self Discharge?
by "Karl F. Larsen" <k5di@zianet.com>
107) [139901] Autek QF-1 A and MFJ CWF-2 Audio Filters FS
by "Ken Simpson, W8EK" <W8EK@fdt.net>
108) [139902] Re: Ground Radial Construction Tips
by "Karl F. Larsen" <k5di@zianet.com>
109) [139903] Self Discharge of NiMH et all.....
by Fred Lesnick <flesnick@tbaytel.net>
110) [139904] FOR TRADE: MFJ-16010 Mini Tuner
by NV9Z@aol.com
111) [139905] OT (OT)
by Paul Mooney <mooney@cytanet.com.cy>
112) [139906] Icom Radio / Microphone
by "Delbert Long" <ad6we@hotmail.com>
113) [139907] LiOn batteries for Compaq?
by wkhibbert@juno.com
114) [139908] Re: Needed - schematic for Radio Shack DX-394?
by "carl seyresdahl" <carlseye@tampabay.rr.com>
115) [139909] Re: OT Linux Sendmail

by "Russ Hines" <wb8zcc@one.net>
116) [139910] Palm M105
by Mighty Mik <mightymik2@attbi.com>
117) [139911] Re: OT (OT)
by W2AGN <w2agn@w2agn.net>

Date: Sun, 10 Nov 2002 19:04:44 -0500
From: "Stephen King" <frstephenk@stfrancishigh.org>
To: <k5di@zianet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [139795] Re: Yaesu FT-817
Message-ID: <001101c28915\$f0f98c80\$3950a8c0@RM204>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Not to muddy the already flaming waters, but I have noticed the same
phenomena on mine
If I let it sit for long enough unpowered the battery will be discharged ...

Peace & 73
Stephen
W3SMK
K2 #2644

----- Original Message -----
From: "Karl F. Larsen" <k5di@zianet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, November 09, 2002 7:44 AM
Subject: Re: Yaesu FT-817

>
> Jerry, I did follow instructions EXplicitly and I'm convinced your full
> of beans. Let's drop this darn thing because on MY FT-817 there is no
> such battery discharge problem.
>
> See below....
>
>
> On Fri, 8 Nov 2002, Jerry Lofstead wrote:
>
> >
> > Karl,
> >
> > First 1): FOLLOW the previous instructions EXPLICITLY!

> >
> > Second 2): Contact YAESU support for further information.
> >
> > Jerry
> >
> > "Karl F. Larsen" wrote:
> > >
> > > Jerry, With the Radio Turned Off and fully charged battery in the 817
I
> > > measured the voltage at the power input jack and it was 0.15 Volts. I
> > > then shorted out the power input jack with the same meter but in a 100
> > > milliamp range and the needle just moved off of zero a hairs width.
>
>
>

Date: Sun, 10 Nov 2002 19:08:25 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [139796] Re: Argonaut V message from TenTec
Message-ID: <5.1.1.6.1.20021110190410.00b32e38@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>user/member/customer survey's are very dangerous...they don't always
>mirror the thoughts of the user/member/customer, but sure gives someone
>the opportunity to say "But, the(user/member/customer) said that(what we
>left out/couldn't do/didn't want to do)
>wasn't(important/required/requested)."

Thom,

A related danger is listening to your current (user/member/customer)s adn
assuming they know what your new/intended (user/member/customer)s want.

Q: "How do we attract new members to QRP-L?"

A: "I don't know. Let's ask the list members."

Q: "Why? They're already members."

Dave

"An optimist says the glass is half full. A pessimist says the glass is

half empty. An engineer says you could have used a smaller glass."

Dave Hinerman
WD8CIV@att.net

Date: Sun, 10 Nov 2002 19:02:58 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-1@lehigh.edu
Subject: [139797] Re: SA/NE 604/614
Message-ID: <5.1.1.6.1.20021110190004.00b2c448@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>Now, the output of the VFO is a pretty decent sine wave, and (surprise,
>surprise) it looks pretty much the same coming out of the transformer. But
>coming out of the 604 I get a sawtooth, exactly the opposite of the somewhat
>squared up sine wave I expected. The output is also pretty much the same
>level as the input. I more or less expected that with the obscene gain of
>these amps I'd be smacking up against the supply voltage. I fiddled quite a
>bit with this circuit, never having used this particular part before, but
>the result was always the same.

>
>Can anyone hazard a guess as to what is going on here? I'm probably going
>to switch to a couple of trusty 2N2222's, but I'm really puzzled by this.

John,

Maybe you're overdriving the amps? They're normally amplifying the received signal, not the LO. And a limiting amp just means the output swing is limited - not necessarily at the supply rails. Limiting is used to reduce AM noise on the received FM signal, and it doesn't take a lot of swing to accomplish that.

Dave

"An optimist says the glass is half full. A pessimist says the glass is half empty. An engineer says you could have used a smaller glass."

Dave Hinerman
WD8CIV@att.net

Date: Sun, 10 Nov 2002 18:58:09 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [139798] Re: Limiting IF Amplifiers and CW
Message-ID: <5.1.1.6.1.20021110185706.00b178e0@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:23 PM 11/10/2002 +0000, you wrote:

>>From: "Harold Smith" <harold.smith1@worldnet.att.net>
>>Reply-To: harold.smith1@worldnet.att.net
>>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>>Subject: Re: Limiting IF Amplifiers and CW
>>Date: Sun, 10 Nov 2002 13:33:57 -0500
>>
>>Gentlemen,
>>
>>It's interesting that this topic should come up at this time. I just last
>>week sent an article to QRP Homebrewer on using FM chips in CW receivers.
>>Apparently, it'll be old hat by the time it gets printed.
>>
>>I've had good luck using some FM chips.
>
>Over 30 years ago, when RCA brought out their early chips like the CA3028
>and various limiting amplifiers like the CA3011, several people tried the
>latter in SSB IF amplifiers, and I remember one or two magazine articles
>about this. I vaguely remember trying them. They worked quite well, and
>gave plenty of gain, but it was difficult to keep them stable, IIRC.

Leon et al,

Do you suppose some negative feedback to tame the limiters might help?

Dave

"An optimist says the glass is half full. A pessimist says the glass is
half empty. An engineer says you could have used a smaller glass."

Dave Hinerman
WD8CIV@att.net

Date: Sun, 10 Nov 2002 16:21:29 -0800
From: "Dave Fifield" <dave@redhotradio.com>
To: <k5di@zianet.com>,
 '"Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Subject: [139799] RE: FT-817 Bug
Message-ID: <000001c28918\$47bfd590\$0200a8c0@AD6A>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi Karl,

I have to call you on this one, sorry...but the FT-817 performs exactly as described in the manual - there is no bug. There are lock options that you need to set in menu item 32. This menu can take one of three values - Dial/Freq/Panel. You obviously had it set to "Dial" mode. If you would like it to lock all the front panel keys/knobs except the PWR ON/OFF and LOCK keys, then you should change this menu setting to "Panel". Simple.

There's no "FT-818" radio that I know of. I spoke with Chip at some length at Pacificon this year and he made no mention of it. On earlier occasions, he has told me about new rig introductions well prior to their unveiling.

Also, there's no FT-817 that "runs 100W". Do you mean the new FT-897? If so, then you're barking up the wrong tree, as the FT-897 is a completely different kettle of fish to the TS-50. For starters, the FT-897 has 6m, 2m and 70cm bands that the TS-50 does not. Then, if you read the literature, you will see that the FT-897 can optionally contain two 4.5Ah batteries for portable operation, or an internal a.c. mains power supply unit, neither of which the TS-50 can do. Obviously, there needs to be space inside the box for these power supply options. The front panel of the FT-897 has very good ergonomics IMO, making it almost the ideal rig for my use - which is "to-the-field" use as a standalone QRP radio or as a portable microwave IF. Certainly, my FT-897 gets a lot more use than my FT-817's do these days.

As for size comparisons:

TS-50 = 7.0625" x 2.375" x 9.1875" = 154.1 cubic inches
FT-897 = 7.9" x 3.2" x 9.1" = 230 cubic inches

So, as you can see, the FT-897 is not "TWICE as big" as the TS-50.

Certainly, the FT-897 packs a lot more radio than the TS-50 for its extra 120 cubic inches. Perhaps you really were referring to a different rig after all? If so, please tell me the model number and I'll check that against the TS-50 data also.

Regards,
Dave Fifield, AD6A

"...just the facts, Ma'am..."
Colombo

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Karl F. Larsen
Sent: Sunday, November 10, 2002 8:26 AM
To: Low Power Amateur Radio Discussion
Subject: FT-817 Bug

As all of those who own this radio know, There is a button called "lock". On HF this means turning the big frequency knob doesn't change the frequency. But ALAS, the "Selector" knob which is smaller still works and it changes the frequency in big jumps even with "lock" turned on.

Yesterday I was working the Baylor Pass Run. It's 10 Km over the Organ Mountains and 180 people tried to run the whole way on a dirt path and many did so. It was very up and down running. I walked with my dog Bucket and in my Daypack I had a Radio Shack 4.5 Amphour battery and my 817 tuned to 146.550 MHz. Everyone heard me fine until late while we were hiking back to the car. Net control said I was off frequency. When I got down I noticed the 817 was on 146.540 MHz and something must have hit the "Selector" knob and knocked me off frequency.

So Yaseu has some things to fix when they put out the FT-818 radio. By the way, the Yaseu Ft-817 that runs 100 watts is TWICE as big as my Kenwood TS-50!

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sun, 10 Nov 2002 19:20:18 -0500 (EST)
From: Thom LaCosta <baltimoremd@baltimoremd.com>

To: David Hinerman <WD8CIV@worldnet.att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [139800] Re: Argonaut V message from TenTec
Message-ID: <20021110191710.E33820-100000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 10 Nov 2002, David Hinerman wrote:

>
> >user/member/customer survey's are very dangerous...they don't always
>
> A related danger is listening to your current (user/member/customer)s adn
> assuming they know what your new/intended (user/member/customer)s want.
>
> Q: "How do we attract new members to QRP-L?"
> A: "I don't know. Let's ask the list members."
> Q: "Why? They're already members."

And yet another danger
listen to the very vocal member(s) and make the assumption they speak for
all.

And the time honored QRP one.....

Don't start another list...it will never work, after all it would dilute
this list.

Some years ago I started the Drakelist...I think there are at least two
others...so duplication works.

Thom

baltimoremd@baltimoremd.com
<http://www.baltimoremd.com/>
<http://www.baltimorehon.com/>
<http://www.zerobeat.net>
<http://www.tlchost.net>

Thom LaCosta K3HRN Webmaster
Baltimore's Home Page
Home of the Baltimore Lexicon
Home of The QRP Web Ring and DrakeList
Web Hosting as low as \$3.49/month

Date: Sun, 10 Nov 2002 16:45:29 -0800
From: "Dave Fifield" <dave@redhotradio.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Subject: [139801] Horses for courses...
Message-ID: <000201c2891b\$a24a8430\$0200a8c0@AD6A>

MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

For CW/SSB reception, it is well understood that a highly linear receive chain is desirable so that the signals become as little distorted as possible with as little additional noise being added as possible along the way.

For FM reception, it is well understood that non-linear "limiting" amplifiers are beneficial as they can remove AM/noise impulses resulting in good audio signal-to-noise ratios.

Since either type of amplifier is readily available either in IC form or as a discrete component circuit, why on earth would anyone, in their right mind, fly in the face of decades of compound wisdom from all the prior engineering effort and expertise available?

It just doesn't make any sense to me.

72, Dave, AD6A

Date: Sun, 10 Nov 2002 17:50:30 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: Bill ROWLETT <kc4atu@yahoo.com>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [139802] Re: Argonaut V message from TenTec
Message-ID: <B9F44CE6.20184%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Bill - My original post was a bit strident. I apologise to you and the list for that.

However, I still find it difficult to believe that 80% of the QRP-Lers who responded to the survey stated, as their number 2 input, that they "never" run their gear from batteries and so they don't care about current consumption.

Ten-Tec is to be applauded for introducing a new high performance QRP rig.
Does anybody have a clue as to how its strong signal performance is? -
Duffey

--

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Sun, 10 Nov 2002 20:53:12 -0400
From: "Laurie Landry" <landr@nbnet.nb.ca>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [139803] Re: Another Darn Test
Message-ID: <007b01c2891c\$b8e4fee0\$d228a50a@nbtel.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just testing. Have not been able to post any messages lately.

Date: Sun, 10 Nov 2002 19:59:33 -0500
From: W2AGN <w2agn@w2agn.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [139804] Re: Argonaut V message from TenTec
Message-ID: <3DCEBAA5.26372.ADCD3E6@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 10 Nov 2002 at 14:56, Bill ROWLETT wrote:

> To those who feel they were not heard,
>
> I for one did not feel that low battery power was a
> concern as the rig is being used at home and I
> responded as such. I also responded that it would not
> be used portable. Just because you feel otherwise is
> no excuse to bad mouth Ten-Tec.
>
> My chief concern was getting a good receiver which we

> have. If you need a radio to run on 9v, use your K-1,
> its a beter size for portable too.
>
> Some of us feal different than you and its clear that
> we responded to Ten-Tec. Just because it wasn't made
> just has you wanted is no excuss for giving Ten-Tec
> grief. Your side lost.
>
> Bill kc4atu

Gee, Bill, this message looks like you got your English spelling training
the same place Karl got his EE degree.

I find it hard to believe that 80% responded that they didn't care about
current drain.

+---+---+---+---+ John L. Sielke
|W||2||A||G||N| <http://www.w2agn.net> [UPDATED]
+---+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

Date: Sun, 10 Nov 2002 20:03:17 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <jamesd1@flash.net>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [139805] Re: Argonaut V message from TenTec
Message-ID: <006e01c2891e\$2c05d880\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Chuck - Can you and Ten-Tec support this assertion in the message you
> forwarded to QRP-L from Ten-Tec?
>
> "...the top two responses from QRPers were a) ... b) I never run my QRP
gear
> from battery power, so supply voltage and current drain are not
important.
> A whopping 80% of the responses we got from QRP-L indicated some
> version of "b". "
>
> I find this difficult to believe since the numbers from the recent
exchange
> on the Argonaut V seems to indicate just the opposite.

While I find it difficult to believe too, I can't find fault with TT over this.

Well, maybe a bit. But only that they didn't find it difficult to believe too.

But the thing is, if you have a survey, any results you get when the people contact you will be skewed by what the people who want to answer the survey want, NOT what the 'average' person wants.

Hmm, 80% "never run my QRP gear from battery power"?????

Mike

Date: Sun, 10 Nov 2002 20:05:27 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <baltimoremd@baltimoremd.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [139806] Re: Argonaut V message from TenTec
Message-ID: <009101c2891e\$7739dc20\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> user/member/customer survey's are very dangerous...they don't always
> mirror the thoughts of the user/member/customer, but sure gives someone
> the opportunity to say "But, the(user/member/customer) said that(what
> we left out/couldn't do/didn't want to do)
> wasn't(important/required/requested)."

I wouldn't want to say this happened at TT, but that always sounds like CYA mode...

Mike

Date: Sun, 10 Nov 2002 19:21:47 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [139807] RE: Limiting IF Amplifier's and CW

Message-ID: <01C288EE.6A6E4240.nkennedy@tcainternet.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

On Sunday, November 10, 2002 12:34 PM, Harold Smith

[SMTP:harold.smith1@worldnet.att.net] wrote:

> Gentlemen,

>

> It's interesting that this topic should come up at this time. I just last

> week sent an article to QRP Homebrewer on using FM chips in CW receivers.

> Apparently, it'll be old hat by the time it gets printed.

>

Naw, it'll be timely and interesting. I never knew that FM chips could be used for SSB/CW, but I didn't realize that product detectors were used (with phase shifted input signals) for FM reception either.

Been fooling with my **AM** chip receiver (TDA1072) a little more. I narrowed the crystal filter and added the BFO. Wasn't sure how to couple in the BFO signal, but I'm just using a "gimmick" capacitor of a wire close to the output end of the crystal filter / input to the detector.

I had a concern that the AGC might act on the BFO input and crank the gain down, but per the spec sheet, it seems to be audio derived. But I may be having that effect regardless. If I move the BFO wire farther away, gain seems to increase, but I'm also having fire and brimstone scripture quoted to me by 7.5 MHz megawatt preachers. Move the wire closer and the preacher takes a break, but CW signals are down in strength too.

The CW sounds pretty decent though. Good tone and single signal. If this was an experiment, I guess it's about 70% a success.

>

> ----- Original Message -----

> From: "James R. Duffey" <jamesd1@flash.net>

> >

> > As I think of it, the main problem with single chip receivers is stability.

> > A receiver typically has 80 dB to 100 dB gain. With the relatively large

> > amplitude oscillators required for the mixer and product detector this is

> a

> > recipe for problems.

Does the 80 to 100 dB figure include the audio stages? This chip I'm using doesn't even put out enough audio to drive headphones, so probably 40 dB of the total gain is outboard in the audio amplifier.

72--Nick, WA5BDU

Date: Sun, 10 Nov 2002 19:27:29 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [139808] RE: Argonaut V message from TenTec
Message-ID: <01C288EF.364BE520.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

OK, just to prove that the mythical person does exist--I don't care that much about current drain. I'm just not much of a camper at this point.

I might do QRPTTF and FYBO, just a few hours, and I take some little single banders and a 4 A-H gel cell along and have plenty of juice left when I head home.

Just to really throw some gasoline on the fire, I don't give a hoot about weather radio reception either.

There--the token contrarian has spoken.

72--Nick, WA5BDU

On Sunday, November 10, 2002 7:00 PM, W2AGN [SMTP:w2agn@w2agn.net] wrote:
>
> I find it hard to believe that 80% responded that they didn't care about
> current drain.
>
> ---
> +---+---+---+---+ John L. Sielke
> |W||2||A||G||N| <http://www.w2agn.net> [UPDATED]
> +---+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

Date: Sun, 10 Nov 2002 19:32:08 -0600
From: "Bob Mason" <skydive@runswithscissors.us>
To: <qrp-1@lehigh.edu>
Subject: [139809] Spare bedroom portable
Message-ID: <NFBBLFFOILIDGGKFDNEBIECOCAA.skydive@runswithscissors.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Friday night I realized that I hadn't been out portable with the K1 in a while. New job, recent move, etc (lots of excuses). Really hadn't had time and knew I couldn't get away this weekend to play around, so came up with an alternate plan. I decided to operate portable from a different part of the house (I know... very weird).

No really! I made up some simple rules. 1) Battery power only. 2) No structure, tree or other device currently in use to support an antenna could be used. 3) Only items already in my portable operation box could be used (No sneaking wire, nails, tools or whatever into the project). 4) The selected expedition site (room) could not be one that had ever been operated from before.

So, I grabbed my K1 box, relocated to the guestless (and bedless) guest bedroom, threw a wire out the window to a previously unused tree and proceeded to have fun.

Try it some time. It's good therapy.

72
Bob WB8CAC
K1 #1150

Date: Sun, 10 Nov 2002 20:42:38 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <nkennedy@tcainternet.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [139810] Re: Argonaut V message from TenTec
Message-ID: <000b01c28923\$9f74fc60\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Just to really throw some gasoline on the fire, I don't give a hoot
about
> weather radio reception either.

YOU DON'T CARE ABOUT WEATHER??????

Date: Sun, 10 Nov 2002 21:37:29 -0400
From: "Laurie Landry" <landr@nbnet.nb.ca>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [139811] SS Sections-NWT??
Message-ID: <009301c28922\$e614a040\$d228a50a@nbtel.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Where does one find the Canadian sections for the SS contest? Several
persons on this list mentioned 80 sections(at least that is what I
understood). There are 71 american sections and to my knowledge only 8
canadian. NWT (I believe) being with Alberta. Can anyone shed light on
this situation?

Laurie VE1AWJ

Date: Sun, 10 Nov 2002 18:50:02 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: <dave@redhotradio.com>
Cc: <qrp-l@lehigh.edu>
Subject: [139812] Re: Horses for courses...
Message-ID: <B9F45ADA.20191%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Dave- My interest in using limiting amplifiers is driven in part by those
CA/LM3089s in my junk bag, not by a new optimum design. I am doing a
conceptual bottoms up design from parts available, not a top down design

from receiving requirements to a bill of materials.

Some thoughts.

I agree with you that low distortion stages are necessary for SSB. I am not so sure about CW, since the intelligence information is contained in the time domain, not the amplitude domain. One only needs to work in the time domain, not the amplitude domain. One only needs to distinguish between the distortion products in the time domain, not the amplitude domain. Some of the distortion products are easy to get rid of; a sharp low pass filter will get rid of most harmonic distortion, particularly the third and above, since the distortion products are not in a frequency region that is required to recover the CW signal. A 600 Hz CW signal will have harmonic distortion at 1200 Hz, 1800 Hz, and so forth. A 700 - 800 Hz low pass filter will knock those products down considerably.

If the CW signal gets limited and the noise does not, it seems to me that this would provide much the same immunity to noise as FM does. With the limiting threshold set properly, and the 12 to 25 micro volt threshold for the 3089 seems right, at least at my QTH, the CW tone would be strong and the noise weaker than without the limiting.

Also, couldn't the limited signal be fed to an IF gate in a conventional receiver to turn the conventional receiver on only when the CW signal is on, and to turn it off between characters. This would get rid of the noise between characters entirely. Of course, the front ends of the receivers, through the filters would have to be identical. This would sort of be an inverse noise blanker.

Just some thoughts and background as to why I asked the questions about limiting amplifiers and CW. I am not proposing wholesale adoption of these chips in new widespread designs.

I am not familiar with the expression "horses for courses". What does it mean?- Dr. Megacycle KK6MC/5

--

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Sun, 10 Nov 2002 20:00:08 -0600
From: Bob Liesenfeld <wb0poq@visi.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [139813] Screws
Message-ID: <3DCF0F28.E8B53F72@visi.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi gang,

Does anyone know the size screw that is used to mount those small plastic variable caps such as used in a lot of portable radios? Sometimes I hear them referred to as 'polycaps'

They appear to be a 2-20 or something like that. Also, how about a supplier? All my local hardware stores look at me like I'm nuts when I bring them one.

Thanks
Bob WB0POQ

Date: Sun, 10 Nov 2002 21:07:58 -0500 (EST)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: Laurie Landry <landr@nbnet.nb.ca>
Cc: qrp-l <qrp-l@lehigh.edu>
Subject: [139814] Re: SS Sections-NWT??
Message-ID: <Pine.LNX.4.44.0211102104020.7962-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

BC AB SK MB ON QC NL MAR YT/NWT

Often we forget Newf/Labrador (NL) and PEI/NS (MARitimes)

On Sun, 10 Nov 2002, Laurie Landry wrote:

> Where does one find the Canadian sections for the SS contest? Several
> persons on this list mentioned 80 sections (at least that is what I
> understood). There are 71 American sections and to my knowledge only 8
> Canadian. NWT (I believe) being with Alberta. Can anyone shed light on
> this situation?
>
> Laurie VE1AWJ
>

--
Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Sun, 10 Nov 2002 21:15:21 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <wb0poq@visi.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [139815] Re: Screws
Message-ID: <003701c28928\$422df340\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Hi gang,
> Does anyone know the size screw that is used to mount those small
> plastic variable caps such as used in a lot of portable radios?
> Sometimes I hear them referred to as 'polycaps'
>
> They appear to be a 2-20 or something like that. Also, how about a
> supplier? All my local hardware stores look at me like I'm nuts when I
> bring them one.
>
> Thanks
> Bob WB0POQ

I don't know if they are what you're looking for, but at one time I had a drawer of 2-56 screws and nuts. Both in steel and in nylon. Don't know if there are any in my cabinet now, but I think 2-56 would be the 'standard' for a #2 screw. RS used to carry them, don't know if they still do. If you need just one or two, drop me a direct note and I'll see if I can find some...

Mike

Date: Sun, 10 Nov 2002 22:21:53 -0400
From: "Laurie Landry" <landr@nbnet.nb.ca>
To: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
Cc: "qrp-l" <qrp-l@lehigh.edu>
Subject: [139816] Re: SS Sections-NWT??
Message-ID: <00b901c28929\$1a0b2e40\$d228a50a@nbtel.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Scott,

Thanks for the reply. The information that I obtained goes something like this:1)British Columbia/Yukon

2)Alberta/Northwest Territories/Numavut

3)Saskatchewan

4)Manitoba

5)Ontario

6)Quebec

7)Maritimes (NB,NS,PEI)

8)Newfoundland & Labrador

So I'm still short one section and still confused!

Laurie, VE1AWJ

From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>

To: "Laurie Landry" <landr@nbnet.nb.ca>

Cc: "qrp-l" <qrp-l@lehigh.edu>

Sent: Sunday, November 10, 2002 10:07 PM

Subject: Re: SS Sections-NWT??

> BC AB SK MB ON QC NL MAR YT/NWT

>

> Often we forget Newf/Labr (NL) an PEI/NS (MARitimes)

>

> > this situation?

> >

> > Laurie VE1AWJ

> >

>

> --

> Scott Rosenfeld ARS N7JI

> 541-684-9970 Eugene, OR Land o' much rain

> If you find me on the air, I'm probably in my car

> ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

>

>

Date: Mon, 11 Nov 2002 02:29:11 +0000

From: "Mike WA8BXN" <hubby2k@hotmail.com>

To: wb0poq@visi.com, qrp-l@lehigh.edu

Subject: [139817] Re: Screws
Message-ID: <F9T0rYnTAfBuJUORRtC00004d3b@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Try a hobby shop, one that has parts for radio controlled airplanes, model trains and the like. I got some there but don't recall the size right offhand.

73/72 - Mike WA8BXN

>Does anyone know the size screw that is used to mount those small plastic
>variable caps such as used in a lot of portable radios?

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Date: Sun, 10 Nov 2002 18:38:24 -0800
From: "Dave Martin" <k2zu@seanet.com>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [139818] Re: Argonaut V message from TenTec
Message-ID: <000301c2892b\$692dbf40\$53a32640@davemartin>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I, for one, run all of my gear from a battery and I almost never take it outside. Does this cloud the issue some?
Dave K2ZU

Date: Sun, 10 Nov 2002 18:42:09 -0800
From: "Dave Martin" <k2zu@seanet.com>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [139819] Re: Horses for courses...
Message-ID: <000301c2892b\$ef131740\$53a32640@davemartin>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I beleive that phrase means one should use the best device, tool, action, etc. for the job at hand.

Dave K2ZU

Date: Sun, 10 Nov 2002 18:38:09 -0800
From: Steve Smith <sigcom@juno.com>
To: wb0poq@visi.com
Cc: qrp-l@lehigh.edu
Subject: [139820] Re: Screws
Message-ID: <20021110.183810.3596.1.sigcom@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob (and group),

I scrounge 'em out of old junked VCRs, etc. All the "poly" cap's. I've run across use metric hardware but I'm not certain of the proper dimensions. My local hobby shop (RC airplanes, cars, etc.) has 'em. You might try there if you have one nearby. Good luck.

73.....Steve Smith, WB6TNL
Oxnard, CA USA
"Snort Rosin"

On Sun, 10 Nov 2002 20:00:08 -0600 Bob Liesenfeld <wb0poq@visi.com> writes:

> Hi gang,
> Does anyone know the size screw that is used to mount those small
> plastic variable caps such as used in a lot of portable radios?
> Sometimes I hear them refered to as 'polycaps'
>
> They appear to be a 2-20 or something like that. Also, how about
> a
> supplier? All my local hardware stores look at me like I'm nuts
> when I
> bring them one.
>
> Thanks
> Bob WB0POQ
>
>
>

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Date: Sun, 10 Nov 2002 20:58:24 -0600
From: Lew Paceley <lew@paceley.com>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Cc: landr@nbnet.nb.ca
Subject: [139821] Re: SS Sections-NWT??
Message-ID: <[004901c2892e\\$3430a7a0\\$6501a8c0@swbell.net](mailto:004901c2892e$3430a7a0$6501a8c0@swbell.net)>
MIME-version: 1.0
Content-type: text/plain; charset=Windows-1252
Content-transfer-encoding: 7BIT

Hi Laurie,
Yes, there are 80 sections. Alberta (AB) is distinct from NWT.
An up-to-date list can be found here:

<http://www2.arrl.org/contests/sections.abv.html>

GL es have fun!

72/73,
Lew
N5ZE

Date: Sun, 10 Nov 2002 22:02:23 -0500
From: "JB Crafts" <jbcraft@adelphia.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [139822] Re: Screws
Message-ID: <[00cb01c2892e\\$c50a9060\\$29f23218@lbrtoh.adelphia.net](mailto:00cb01c2892e$c50a9060$29f23218@lbrtoh.adelphia.net)>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

a long time ago, when I used to work on the electronics bench, we had an assortment of tiny screws... We used to buy them at places such as Fuji-Savy (I don't recall how to spell that, but they supposedly imported the first Yaesu's). The last I head, Fuji was long gone, and I have been off the bench

for 20+ years... but, I bet if you find a parts supplier like Pacific Parts or even DigiKey, you should find small screws.

Bob K8YS

Date: Sun, 10 Nov 2002 21:56:08 -0500
From: wkhibbert@juno.com
To: qrp-l@lehigh.edu
Subject: [139823] FT-817 and NiMH Self Discharge?
Message-ID: <20021110.215609.-331283.0.wkhibbert@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

First off, I do not have and FT-817.

However, between the amateur gear and the commercial NDT equipment I use I do have quite a few NiMH battery packs and they do have a substantial self discharge rate.

Typically, an 8 AH pack in my eddy current scope will die in about 3 weeks, this meaning that the remaining charge will not power the scope for more than 15 - 20 minutes. A fully charged (fresh) pack will run the scope for 6 - 8 hours.

The portable UT thickness gauges that I use, generically called "T-Mikes" specifically state that only alkaline or NiCads be used as the NiMH cells do not store well enough to be reliable in the field. If you have just climbed up a 40 foot ladder inside a boiler, or crawled into the superheater in a power plant, the LAST thing you want is to climb back out to change batteries.

My HTX-202 works like a charm on the 2 AH NiMH pack, that is when it's just come off the charger. A week later, all bets are off.

So, this poses the question: How much of the observed battery discharge is inherent in the battery design and how much is inherent in the rig????????

If I had one on the bench I could find out. Before posting yet another comment/observation or flame, how about setting up and testing just where the discharge is occurring?

73, Wm. Keith Hibbert, WB2VUO, TC/WNY ARRL Section
President, Brockport Amateur Radio Klub

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Date: Sun, 10 Nov 2002 22:13:42 -0500
From: "Michael Hall" <MIKE-WB8ICN@worldnet.att.net>
To: <njqrrp@njqrrp.org>, <qrp-1@lehigh.edu>, <GQRP@yahoogroups.com>,
"novaqrp-topica.com" <NoVaQRP@topica.com>
Subject: [139824] Paul, NA5N's E-Mail Address
Message-ID: <003701c28930\$57a8a1e0\$eab7d943@hppav>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Does anyone know if Paul, NA5N has an active e-mail address?

72's...Mike, WB8ICN

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.417 / Virus Database: 233 - Release Date: 11/8/2002

Date: Sun, 10 Nov 2002 19:09:17 -0800
From: "Dave Fifield" <dave@redhotradio.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@lehigh.edu>
Subject: [139825] Re: Horses for courses...
Message-ID: <000101c2892f\$b9119280\$0200a8c0@AD6A>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

I disagree. There is significant information in the amplitude domain in a weak CW signal. A good op can copy CW about 3dB into the noise. A limiting amplifier would obtain no information at all from such a signal.

The ear is listening for a varying amplitude signal at a single frequency, either the tone is there (no amplitude) or it isn't (some amplitude). Of course, there is also time domain information too - given that the op has tuned his brain to receive at a particular speed for a particular contact, his DSP (brain) integrates the received signal in dit-length time slots to ascertain what any particular character is.

Further, you would have to put a super-narrow filter in front of the limiting amplifier in order to eliminate third order IMD from other signals close to the one you are trying to receive. By third order IMD, I don't mean the third harmonic of the recovered audio tone, as you seem to have assumed in your reply. Of course, second/third etc. harmonics of the audio tone you are trying to receive will be present, but they can easily be removed by a low-pass filter. I'm not concerned with these terms, but rather, the third order IMD inside the limiting amplifier.

Consider for a moment if I were to apply two CW signals, f_1 and f_2 , of equal amplitude, 1KHz apart to the front end of your limiting (non-linear) amplifier, one of the signals being the wanted carrier and the other, an interferer. The fact that the amplifier is non-linear would mean that at its output, I would see $f_1 + f_2 + (f_1 - f_2) + (f_1 + f_2) + (2f_1 - f_2) + (2f_2 - f_1) + (3f_1 - 2f_2) + (3f_2 - 2f_1) + \dots$ etc. One of the third order IMD terms is only 1KHz away from my wanted signal. Now, consider if the interferer was only 250Hz away (the bandwidth of the audio filter, say). We would get IMD artifacts that would severely impinge on the readability of the wanted signal. Given that the amplifier is not just a little bit non-linear, but actually severely non-linear (by design), we would actually see several orders of IMD products that would produce signals in-band that would cause unwanted noise and disrupt your ability to detect the wanted CW signal. This is scientific fact, not just my conjecture, and is why this technique has never been used to recover CW signals. It may work for a very large signal in a clear channel, and I believe you could blank the noise between elements (just like a squelch circuit), but given any nearby unwanted signals, or a small wanted signal, this method falls over rapidly and becomes useless.

I applaud your efforts for exploring the possibilities, but in this case, I fear that this thread is doing

more harm than good. We need to steer the group towards
ever improved equipment, not take backwards steps.

The phrase "horses for courses" refers to horse racing &
tracks. Depending on the weather, some tracks are dry and
hard and some are wet and boggy. Likewise, some horses
prefer the going to be dry/hard while others
prefer soft ground. The phrase means that you have to
back the right horse for the going at any particular
track on any given day. In the context I used it, quite
a common usage in England, it means that you should use
the correct amplifier type for the modulation you are
trying to recover.

Cheers for now,
Dave F.
AD6A

Date: Sun, 10 Nov 2002 19:16:28 -0800
From: "Dave Fifield" <dave@redhotradio.com>
To: <wb0poq@visi.com>,
 "'Low Power Amateur Radio Discussion'" <qrp-1@lehigh.edu>
Subject: [139826] RE: Screws
Message-ID: <000201c28930\$b9e19740\$0200a8c0@AD6A>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Bob,

Every one of these polycon tuning caps that I have ever seen use
2.5mm metric screws. You can get these from places like Olander
or McMaster-Carr.

Cheers es 72,
Dave F.
AD6A

-----Original Message-----
From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf
Of Bob Liesenfeld
Sent: Sunday, November 10, 2002 6:00 PM
To: Low Power Amateur Radio Discussion
Subject: Screws

Hi gang,

Does anyone know the size screw that is used to mount those small plastic variable caps such as used in a lot of portable radios? Sometimes I hear them referred to as 'polycaps'

They appear to be a 2-20 or something like that. Also, how about a supplier? All my local hardware stores look at me like I'm nuts when I bring them one.

Thanks
Bob WB0POQ

Date: Sun, 10 Nov 2002 22:26:05 -0500
From: "George Osier" <gosier@twcnny.rr.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [139827] CQ South Carolina !!!!! 7037 !!!!!
Message-ID: <000701c28932\$120b5d60\$aa634342@twcnny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello !!!!!

Looking for mw SC !!!!!!!
Be there for a while !!!

72s

George Osier , N2JNZ

Date: Sun, 10 Nov 2002 19:40:38 -0800
From: "William Phinizy" <k6whp@verizon.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [139828] Re: Argonaut V message from TenTec
Message-ID: <000301c28934\$1cf79ed0\$0c60e043@k6whp>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

At the risk of adding yet another and probably insignificant comment to this burgeoning thread: The proof of the pudding will be in the eating. Let's see how many vote with their pocketbooks. If the Argonaut V is a success a la the K2/K1, FT-817, etc. then the Ten-Tec assertion that they received an 80% response for the product they designed and marketed will have been substantiated. If it does not, then they will have missed the mark. I think, however, that we should be rather grateful that they have solicited our input and recognized the market.

Another benefit is that -- like the FT-817 and K2 -- the Argonaut V may yet bring others around to the premise that significant contacts and good DX can be worked running much less than a kilowatt. Maybe we *do* need a rig that someone can stick in his shack and be justifiably proud of his operating skills because he talked to Europe or Asia on 20 watts..

..that and the fact that TVI obliterated "The Rug Rats" for my five year old are the main reason came to love QRP.

72,

Bill, K6WHP

Date: Sun, 10 Nov 2002 21:43:59 -0600
From: Tim <n9puz@arrl.net>
To: dave@redhotradio.com,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [139829] Re: Screws
Message-ID: <200211102143.59129.n9puz@arrl.net>
Content-Type: text/plain;
charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable

On Sunday 10 November 2002 09:16 pm, Dave Fifield wrote:

> Every one of these polycon tuning caps that I have ever seen use
> 2.5mm metric screws. You can get these from places like Olander
> or McMaster-Carr.

Another good source of hardware in smaller quantities is an outfit called=
=20
Micro Fasteners. I don't have an address handy but they are on the web so=
=20
Google should turn them up. They carry different lengths, head styles,=20
nylon, etc. Friendly people in my experience.

Tim N9PUZ

Date: Sun, 10 Nov 2002 22:53:18 EST
From: WE7X@aol.com
To: qrp-1@lehigh.edu
Subject: [139830] WTB Daiwa CS-401
Message-ID: <9f.30332ce4.2b0083ae@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I'm looking for a Daiwa Model CS-401 four position coaxial antenna switch for a VHF/UHF project,

Cash, or among other things, I have several other excellent coax switches to trade or new PolyPhaser IS-50-NX-C2 VHF/UHF Coaxial surge suppressors with N connectors.

Rod Johnson

WE7X

Issaquah, WA.

Date: Sun, 10 Nov 2002 21:09:45 -0700
From: "Dave Ek" <ekdave@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [139831] New version of Golog contest logger for Palm OS
Message-ID: <00d801c28938\$2e545d90\$8989fea9@oldman>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

All,

I've updated my Golog contesting software for Palm OS with two oft-requested features:

- in the log entry form, the callsign field is now cleared when a dupe is detected and reported.

- I added a provision for a serial number in the default exchange field. The # character is used to signal that a serial number (sequentially incremented for each QSO) should be inserted at that location. If leading

zeroes in the serial number are desired, insert a string of # characters equal to the minimum length of the serial number. For example, if you want all numbers less than 100 padded with leading zeroes so that the serial number is always at least three characters, insert "###" in the default Out exchange. In this case, number less than 100 will be padded with one or two leading zeroes, but numbers of 100 or greater will not.

NOTE: THIS NEW VERSION OF GOLOG (version 1.2.4) WILL NOT BE ABLE TO OPEN LOGS CREATED WITH EARLIER VERSIONS (1.2.3 and earlier) BUT OLDER LOGS WILL STILL BE TRANSFERRED CORRECTLY TO YOUR PC DURING A HOTSYSNOC OPERATION. So, you won't lose your earlier log information.

My Golog web page has been updated with the latest version:

<http://home.earthlink.net/~golog>

As always, Golog is free software. Also, Golog works with the Serial CW Sender kit (from the New Jersey QRP Club) to handle not only your logging but also your CW keying. As a reminder, the Serial CW Sender kit now can be made to work with the Handspring Visor handheld computers by making a simple modification (details are on my web page).

73 de Dave NK0E

Date: Sun, 10 Nov 2002 23:19:14 -0500
From: "Joe Everhart" <n2cx@voicenet.com>
To: <njqrp@njqrp.org>, <qrp-1@lehigh.edu>, <GQRP@yahoogroups.com>, "novaqrp-topica.com" <NoVaQRP@topica.com>
Subject: [139832] Re: [NJQRP] Paul, NA5N's E-Mail Address
Message-ID: <004301c28939\$7f163c20\$e42f67cf@n2cxtoy>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mike,

Try

na5n@zianet.com

Joe E.

----- Original Message -----

From: Michael Hall <MIKE-WB8ICN@worldnet.att.net>
To: <njqrp@njqr.org>; <qrp-1@Lehigh.EDU>; <GQRP@yahoogroups.com>;
novaqrp-topica.com <NoVaQRP@topica.com>
Sent: Sunday, November 10, 2002 22:13 PM
Subject: [NJQRP] Paul, NA5N's E-Mail Address

> Does anyone know if Paul, NA5N has an active e-mail address?
>
> 72's...Mike, WB8ICN
>
>
>
> ---
> Outgoing mail is certified Virus Free.
> Checked by AVG anti-virus system (<http://www.grisoft.com>).
> Version: 6.0.417 / Virus Database: 233 - Release Date: 11/8/2002
>
> ===== NJ QRP Club Mailing List =====
> To unsubscribe from this list, send email to listserver@applegate.org
> and put the text "unsubscribe njqr" in the message. To post a
> message to the list, send email to [njqr@njqr.org](mailto:njqrp@njqr.org).
>

Date: Sun, 10 Nov 2002 22:53:10 -0600
From: "Mark" <m2steven@bellsouth.net>
To: <qrp-1@lehigh.edu>
Subject: [139833] New Ten-Tec qrp rig
Message-ID: <002f01c2893e\$3bea8c80\$60ce3fd0@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have really never thought of packing a radio until I got my 817. I almost purchased the Ten-Tec 20 watt rig due to my having and loved my Scout. A superb CW rig, and wonderful voice radio as well.

Working qrp from a car is about the most I had ever done, and this Ten-Tec rig will do a superb job. If you havn't had the chance to fiddle with one, please do so. It's a terrific radio.

Now that I have purchased my 817, I fully intend to try lots of interesting of the path operations. However, had I purchased the Ten-Tec, I would be just as happy with my choice.

So for me, the voltage thing would not have really entered my mind...

73 - Mark Ab4ye

Date: Sun, 10 Nov 2002 21:01:25 -0800
From: Robert Honan <robertus@harbornet.com>
To: kr1st@amsat.org,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [139834] Re: O.T. Re: Web Sites-how about the visually impaired?
Message-ID: <3DCF39A5.88169B2F@harbornet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

One of the most important techniques for making a web page accessible to the visually impaired is the alt attribute in an image link. Let's say that I have a photo of my shack on a web page. That photo conveys information to a sighted visitor that is lost when the picture can not be viewed. The solution is to use the alt attribute to include a description of the photo in the link that calls up the image. For example:

```

```

With the alt attribute, information included will be displayed in place of the picture if images are not displayed, the caption will be displayed while the image is downloading, and would be read if a text to speak processor was applied to the page. The first two reasons are enough for me to always use the alt attribute, I even use it if the image is a bullet or other dingbat. The alt text is also displayed when the mouse pointer pauses over the image, which is useful for many things.

Alex wrote:

```
> Even though I'm not visually impaired, I have always wondered about how  
> to make sure that a web page is readable for the visually impaired. I've  
> always considered graphics is there to support the text, but never to  
> replace it. In the past I've used Lynx to see if a page translates well  
> for a text only environment. Doing so I noticed that I often had to
```

> change the code generated by web page designer software, so I only use
> Notepad now for my website.
>
> I'm as ignorant as one can be on this. Perhaps someone could give me a
> few pointers. Do applications like Frontpage etc. generate readable
> pages for the visually impaired? Maybe someone knows of a good site that
> deals with this?
>
> 73,
> --Alex KR1ST
>
> <http://www.kr1st.com>

--

Robert J. Honan KD7QLJ <kd7qlj@arrl.net>

~~~~~  
There are 10 types of people in the world:  
those that understand binary, and those that don't.

-----  
Date: Mon, 11 Nov 2002 04:48:57 -0700  
From: "Michael Todd" <hamike@earthlink.net>  
To: <talljazz@teleport.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [139835] Re: N7CQR log 11/8/02 (UTC)  
Message-ID: <000201c2897a\$139459a0\$ff68b83f@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Dan

Thanks for being the fox One small correction.

> 0208 W9VQB/7 559 AZ Mike 5W ----- should be-----  
0208 W9UQB/7 559 AZ Mike 5W

W9UQB/7 Mike

-----  
Date: Sun, 10 Nov 2002 21:56:36 -0800  
From: "Dave Martin" <k2zu@seanet.com>

To: "qrp-l" <qrp-l@lehigh.edu>  
Subject: [139836] Re: Horses for courses...  
Message-ID: <000301c28947\$19585d60\$0aa12640@davemartin>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hmmmmm. Right tool for the job. I thought I had covered that.  
Dave K2ZU

-----  
Date: Sun, 10 Nov 2002 22:28:48 -0800  
From: Dan Presley <talljazz@teleport.com>  
To: qrp-l@lehigh.edu  
Subject: [139837] sweepstakes logs  
Message-ID: <p0501042ab9f4fe1d1c99@[216.26.4.216]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Finally getting around to doing up my log for the sweepstakes last week! I logged by hand-anyone help in converting it to the right format for submission? If you can explain how I can do it on a Mac, I'll give it a stab.

--  
Dan Presley-N7CQR-Portland, Or QRP-L #502  
n7cqr@arrl.net

-----  
Date: Mon, 11 Nov 2002 00:56:19 -0600  
From: Karl Kanalz <kkanalz@gcecispc.com>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [139838] RE: Screws For "Poly-Varicons"  
Message-ID: <01C2891D.31196540@KKANALZ>

Those portable radio variable capacitors were originally introduced as "Poly-Varicons", 'cause they use a poly plastic for the dielectric (rather than air). To the best of my knowledge, they were developed and manufactured in Japan.

They would, therefore, require a METRIC mounting screw(s), not an SAE screw.

Karl K - W8TIF  
McKinney, Texas

-----Original Message-----

From: Mike Yetsko [SMTP:myetsko@insydesw.com]

Sent: Sunday, November 10, 2002 8:15 PM

To: Low Power Amateur Radio Discussion

Subject: Re: Screws

> Hi gang,

> Does anyone know the size screw that is used to mount those small

> plastic variable caps such as used in a lot of portable radios?

> Sometimes I hear them referred to as 'polycaps'

>

> They appear to be a 2-20 or something like that. Also, how about a

> supplier? All my local hardware stores look at me like I'm nuts when I

> bring them one.

>

> Thanks

> Bob WB0POQ

I don't know if they are what you're looking for, but at one time I had a drawer of 2-56 screws and nuts. Both in steel and in nylon. Don't know if there are any in my cabinet now, but I think 2-56 would be the 'standard' for a #2 screw. RS used to carry them, don't know if they still do. If you need just one or two, drop me a direct note and I'll see if I can find some...

Mike

-----  
Date: Mon, 11 Nov 2002 04:19:08 -0400

From: "Laurie Landry" <landr@nbnet.nb.ca>

To: <landr@nbnet.nb.ca>,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [139839] Re: SS Sections-NWT??

Message-ID: <00e901c2895b\$024e2460\$d228a50a@nbtel.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Thanks to all who brought clarifications to the above query. My conclusion is as stated in one message that NWT is a section "for the purpose of the contest" even though it may not be a RAC section by itself. The RAC site



shows 8 canadian sections only. And to make things a bit confusing the rules of the contest mention exchanges between ARRL/RAC sections. Again, thanks to all who have participated in my education.

Laurie, VE1AWJ

-----  
Date: Mon, 11 Nov 2002 06:35:36 -0500  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <k2zu@seanet.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [139840] Re: Horses for courses...  
Message-ID: <008901c28976\$99bc5cc0\$0300a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> Hmmmmm. Right tool for the job. I thought I had covered that.  
> Dave K2ZU

There's way too many people that need to be constantly reminded that the 'best tool' and the 'best tool for the job' are not always the same.

Mike

-----  
Date: Mon, 11 Nov 2002 06:35:28 +0000  
From: ve3ab@mail.mondenet.com  
To: qrp-l@lehigh.edu  
Subject: [139841] Re: Ladder line question-balanced coax feeder??  
Message-ID: <200211111140.gABBeA314431@barclay.mondenet.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Balanced coax feeder!--I guess it might be a solution where you cant use a regular balanced line. Dont know what the losses would be but chances are it might be less than balanced feeder lying in moisture pools on a roof. Just thought id throw this alternative in for food for thought. 73 Earl VE3AB

-----

Date: Mon, 11 Nov 2002 11:51:43 -0000  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: <wb0poq@visi.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [139842] Re: Screws  
Message-ID: <DAV23TaGmvSVMum03yM000000c1b@hotmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Bob Liesenfeld" <wb0poq@visi.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Monday, November 11, 2002 2:00 AM  
Subject: Screws

> Hi gang,  
> Does anyone know the size screw that is used to mount those small  
> plastic variable caps such as used in a lot of portable radios?  
> Sometimes I hear them referred to as 'polycaps'  
>  
> They appear to be a 2-20 or something like that. Also, how about a  
> supplier? All my local hardware stores look at me like I'm nuts when I  
> bring them one.

They are metric - 2.5 mm, IIRC. No problem here in the UK. Try  
[www.farnell.com](http://www.farnell.com).

73, Leon

--

Leon Heller, G1HSM  
leon\_heller@hotmail.com  
[http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)

-----

Date: Sun, 10 Nov 2002 17:51:19 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: Dave Fifield <dave@redhotradio.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [139843] RE: FT-817 Bug  
Message-ID: <Pine.LNX.4.44.0211101733550.7295-1000000@Bucket.dog>  
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 10 Nov 2002, Dave Fifield wrote:

> Hi Karl,

>

> I have to call you on this one, sorry...but the FT-817 performs  
> exactly as described in the manual - there is no bug. There are  
> lock options that you need to set in menu item 32. This menu  
> can take one of three values - Dial/Freq/Panel. You obviously

I have mine on and at menu 32 and it says in big letters DIAL  
LOCK MODE, and I only have DIAL and PANEL. I had no idea what panel  
means! Now that I do why does yours have 3 values and mine just 2? I  
think frequency is what I wanted. But my FT-817 has just 2 values. I  
will try PANEL but not sure I will like it.

> had it set to "Dial" mode. If you would like it to lock all the  
> front panel keys/knobs except the PWR ON/OFF and LOCK keys, then  
> you should change this menu setting to "Panel". Simple.  
>

Yes it works like you expect and I can live with that next time.

> There's no "FT-818" radio that I know of. I spoke with Chip at some  
> length at Pacificon this year and he made no mention of it. On  
> earlier occasions, he has told me about new rig introductions well  
> prior to their unveiling.

>

> Also, there's no FT-817 that "runs 100W". Do you mean the new  
> FT-897? If so, then you're barking up the wrong tree, as the FT-897

Yes I saw the FT-897 at HRO in Denver waiting and waiting for a  
plane and it looked to me like twice the size without a way to measure.  
And I do realize that it has a big battery compartment.

> is a completely different kettle of fish to the TS-50. For starters,  
> the FT-897 has 6m, 2m and 70cm bands that the TS-50 does not. Then,  
> if you read the literature, you will see that the FT-897 can  
> optionally contain two 4.5Ah batteries for portable operation, or  
> an internal a.c. mains power supply unit, neither of which the  
> TS-50 can do. Obviously, there needs to be space inside the box  
> for these power supply options. The front panel of the FT-897  
> has very good ergonomics IMO, making it almost the ideal rig for  
> my use - which is "to-the-field" use as a standalone QRP radio or  
> as a portable microwave IF. Certainly, my FT-897 gets a lot more  
> use than my FT-817's do these days.

My considerable experience with a QRP radio and the TS-50 on good antenna's prove that if I can't raise the station that's 59+ with 5 watts, 100 watts will not work either. I've had a TS-50 for 6 years so the tests are many.

>  
> As for size comparisons:  
>  
> TS-50 = 7.0625" x 2.375" x 9.1875" = 154.1 cubic inches  
> FT-897 = 7.9" x 3.2" x 9.1" = 230 cubic inches  
>  
> So, as you can see, the FT-897 is not "TWICE as big" as the TS-50.  
> Certainly, the FT-897 packs a lot more radio than the TS-50 for  
> its extra 120 cubic inches. Perhaps you really were referring to  
> a different rig after all? If so, please tell me the model number  
> and I'll check that against the TS-50 data also.  
>

Nope the 897 was what I saw. After 8 hours on a plane my eye size device was broken, and I didn't have a ts-50 to compare with at the store.

> Regards,  
> Dave Fifield, AD6A  
>  
> "...just the facts, Ma'am..."  
> Colombo  
>  
> -----Original Message-----  
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf  
> Of Karl F. Larsen  
> Sent: Sunday, November 10, 2002 8:26 AM  
> To: Low Power Amateur Radio Discussion  
> Subject: FT-817 Bug  
>  
> As all of those who own this radio know, There is a button  
> called "lock". On HF this means turning the big frequency knob doesn't  
> change the frequency. But ALAS, the "Selector" knob which is smaller  
> still works and it changes the frequency in big jumps even with "lock"  
> turned on.  
>  
> Yesterday I was working the Baylor Pass Run. It's 10 Km over the  
>  
> Organ Mountains and 180 people tried to run the whole way on a dirt path  
>  
> and many did so. It was very up and down running. I walked with my dog  
> Bucket and in my Daypack I had a Radio Shack 4.5 Amphour battery and my  
> 817 tuned to 146.550 MHz. Everyone heard me fine until late while we

> were hiking back to the car. Net control said I was off frequency. When  
> I got down I noticed the 817 was on 146.540 MHz and something must have  
> hit the "Selector" knob and knocked me off frequency.

>

> So Yaseu has some things to fix when they put out the FT-818  
> radio. By the way, the Yaseu Ft-817 that runs 100 watts is TWICE as big  
> as my Kenwood TS-50!

>

>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

-----  
Date: Mon, 11 Nov 2002 07:27:57 -0500

From: kwiike@gdls.com

To: qrp-l@lehigh.edu

Subject: [139844] Michigan QRP Net

Message-ID: <0F6A68D486.5AA4F4D2-ON85256C6E.00445999@gdls.com>

MIME-Version: 1.0

Content-type: text/plain; charset=us-ascii

The Michigan QRP Net meets each Tuesday night at 9:00 PM Eastern time on  
3.535 MHz +/- 5 KHz for QRM. We had only three check ins last week but  
everyone was out voting.

S R

WA8VNZ 599 MONTROSE MI MARK

W8IQB 599 579 BRISTOL MI LOWELL

KI3R 599 599 PORT VUE PA TOM

Ed AB8DF

-----  
Date: Sun, 10 Nov 2002 15:38:09 -0700 (MST)

From: "Karl F. Larsen" <k5di@zianet.com>

To: Jerry Lofstead <w3cde@bellsouth.net>

Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [139845] Re: FT-817 Bug

Message-ID: <Pine.LNX.4.44.0211101537160.1789-1000000@Bucket.dog>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Alas Jerry since you know, which pages of the Manual should I read?

On Sun, 10 Nov 2002, Jerry Lofstead wrote:

```
>
> Alas Karl,
>
> Read the MANUAL! Not a bug, OPERATOR PROBLEM!!! RTFM...
>
> Jerry
> W3CDE
>
>
> "Karl F. Larsen" wrote:
> >
> > As all of those who own this radio know, There is a button
> > called "lock". On HF this means turning the big frequency knob doesn't
> > change the frequency. But ALAS, the "Selector" knob which is smaller
> > still works and it changes the frequency in big jumps even with "lock"
> > turned on.
> >
> > Yesterday I was working the Baylor Pass Run. It's 10 Km over the
> > Organ Mountains and 180 people tried to run the whole way on a dirt path
> > and many did so. It was very up and down running. I walked with my dog
> > Bucket and in my Daypack I had a Radio Shack 4.5 Amphour battery and my
> > 817 tuned to 146.550 MHz. Everyone heard me fine until late while we
> > were hiking back to the car. Net control said I was off frequency. When
> > I got down I noticed the 817 was on 146.540 MHz and something must have
> > hit the "Selector" knob and knocked me off frequency.
> >
> > So Yaseu has some things to fix when they put out the FT-818
> > radio. By the way, the Yaseu Ft-817 that runs 100 watts is TWICE as big
> > as my Kenwood TS-50!
> >
> > --
> >
> > - Karl Larsen k5di Las Cruces,NM Az ScQRPions -
>
>
```

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

-----

Date: Mon, 11 Nov 2002 05:25:30 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: wkhibbert@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [139846] Re: FT-817 and NiMH Self Discharge?  
Message-ID: <Pine.LNX.4.44.0211110508420.1208-100000@Bucket.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Keith, well said. I have NiMH batteries in my HT and my MFJ Antenna Analyser. I have left both unused for 3 weeks and when I try to use them when I get back they are far more than 1/2 used up. When I use my MFJ after 2 months of sitting it looks fine when you first turn it on, but 5 minutes later it's dead!

My FT-817 has NiCad and it does seem to last longer. It always seems to be there when I turn the radio on. But it only lasts about 1 hour and then it dies. For a Antenna presentation one hour is fine.

My technician transferred from the Army to the Forest Service up in Santa Fe NM. I was up there and looked him up. We got to talking HT's and he showed me the ones the smoke jumpers use. I looked and found there was no batteries in the holder. John said a jumper comes to this room to get a radio he is asked to test it. Of course it doesn't work, no battery. Then he shows him how to put batteries in and out of a refrigerator John grabs a handful of alkaline AA batteries and lets the Jumper put them in. He then checks the radio and it works. John gives him 2 more sets and lets him go. The Jumper can't charge a nicad so don't give him one. He has replaced the batteries once and *might* be able to do it in the Wilderness.

On Sun, 10 Nov 2002 wkhibbert@juno.com wrote:

> First off, I do not have and FT-817.  
>  
> However, between the amateur gear and the commercial NDT equipment I use  
> I do have quite a few NiMH battery packs and they do have a substantial  
> self discharge rate.  
>  
> Typically, an 8 AH pack in my eddy current scope will die in about 3  
> weeks, this meaning that the remaining charge will not power the scope  
> for more than 15 - 20 minutes. A fully charged (fresh) pack will run the  
> scope for 6 - 8 hours.  
--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

-----  
Date: Sun, 10 Nov 2002 15:21:48 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: Thom LaCosta <baltimoremd@baltimoremd.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [139847] Re: OT Linux Sendmail  
Message-ID: <Pine.LNX.4.44.0211101519080.1746-100000@Bucket.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 10 Nov 2002, Thom LaCosta wrote:

> On Sun, 10 Nov 2002, John J. McDonough wrote:  
>  
> > Lee  
> >  
> > I think it's pretty topical. A lot of folks on this list are playing with  
> > Linux or thinking of playing with Linux.  
>  
> That's a pretty slippery slope...just because folks on the list are  
> playing with Linux doesn't mean we all need to read about it...don't help  
> me with my K2 rig.

Two ideas Thom. Please simplify your signature to less than one  
line like mine. And sell your K2 and get a better radio.

I suspect your really pissed at the FOX thread too?

>  
> Kinda like the the HTML thread, or the ear wax thread.  
>  
>  
> Thom  
>  
> baltimoremd@baltimoremd.com                   Thom LaCosta K3HRN Webmaster  
> http://www.baltimoremd.com/                   Baltimore's Home Page  
> http://www.baltimorehon.com/                   Home of the Baltimore Lexicon  
> http://www.zerobeat.net                       Home of The QRP Web Ring and DrakeList  
> http://www.tlchost.net                        Web Hosting as low as \$3.49/month  
>  
>

--



- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

-----  
Date: Sun, 10 Nov 2002 17:33:39 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: Stephen King <frstephenk@stfrancishigh.org>  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [139848] Re: Yaesu FT-817  
Message-ID: <Pine.LNX.4.44.0211101732290.7295-100000@Bucket.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well I guess it depends how long you wait. My 817 gets lots of use and I do charge the internal batteries often.

On Sun, 10 Nov 2002, Stephen King wrote:

> Not to muddy the already flaming waters, but I have noticed the same  
> phenomena on mine ....  
> If I let it sit for long enough unpowered the battery will be discharged ...  
>  
> Peace & 73  
> Stephen  
> W3SMK  
> K2 #2644  
> ----- Original Message -----  
> From: "Karl F. Larsen" <k5di@zianet.com>  
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
> Sent: Saturday, November 09, 2002 7:44 AM  
> Subject: Re: Yaesu FT-817  
>  
>  
> >  
> > Jerry, I did follow instructions EXplicitly and I'm convinced your full  
> > of beans. Let's drop this darn thing because on MY FT-817 there is no  
> > such battery discharge problem.  
> >  
> > See below....  
> >  
> >  
> > On Fri, 8 Nov 2002, Jerry Lofstead wrote:  
> >  
> > >  
> > > Karl,  
> > >

> > > First 1): FOLLOW the previous instructions EXPLICITLY!  
> > >  
> > > Second 2): Contact YAESU support for further information.  
> > >  
> > > Jerry  
> > >  
> > > "Karl F. Larsen" wrote:  
> > > >  
> > > > Jerry, With the Radio Turned Off and fully charged battery in the 817  
> > > > I  
> > > > measured the voltage at the power input jack and it was 0.15 Volts. I  
> > > > then shorted out the power input jack with the same meter but in a 100  
> > > > milliamp range and the needle just moved off of zero a hairs width.  
> >  
> >  
> >  
>  
>  
>  
--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

-----  
Date: Mon, 11 Nov 2002 07:37:18 -0500  
From: Haines Brown <brownh@hartford-hwp.com>  
To: sigcom@juno.com  
Cc: qrp-1@lehigh.edu  
Subject: [139849] Re: Screws  
Message-ID: <200211111237.gABCbIk02377@hartford-hwp.com>

Of course, it's a shot in the dark, but if the tiny screw is not 2-56, but has a finer thread, it is probably a 3-mm screw. I've got plenty of them. Just give me a length (most of mine about the same) and an address off line, and I'll ship it off to you.

These 3 mm screws are extensively used on computer gear. I suspect there's a trend away from them, though, for I use them less in recent years. And the suggestion to turn to your local hobby shop for them was a bust here - although a big store, they had no idea what I was talking about. So an alternative place to look is computer repair shop.

Haines KB1GRM  
-----

Date: Mon, 11 Nov 2002 07:56:21 -0500  
From: "O'Rourke, Tim" <tiorourke@davidson.edu>  
To: <qrp-1@lehigh.edu>  
Subject: [139850] Re: Another Nor'Easter Lives  
Message-ID: <4AE8AED63DA0244FA26B3EE309675DD4046FF029@lola.davidson.edu>  
content-class: urn:content-classes:message  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Bill

I used one of the t-tec boxes, almost the same foot print as the board. =  
Had enough room for 2 9 volt batteries below board. I mounted it so the =  
IF cans touch the case and the switches were abt same height as top of =  
box. I drilled 1/4 inch holes for switch access and then coverd holes =  
from underneath with poly film. U can press switches thruigh film with =  
light touch. I have been playing with base loaded 72 inch whips. The =  
radio is a great addition to backpack and weighs next to nothing.  
Tim W4YN

-----  
Date: Mon, 11 Nov 2002 08:15:54 -0500  
From: "E. Roswell" <eroswell@monmouth.com>  
To: qrp-1@lehigh.edu  
Subject: [139851] Re: Screws  
Message-ID: <3DCFAD8A.F7407A51@monmouth.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

They are at:  
<http://www.microfasteners.com/>  
Wide selection of machine screws, separate page for metric.  
73, Ed, K2MGM.

-----  
Date: Mon, 11 Nov 2002 08:16:14 -0500  
From: Alex <kr1st@amsat.org>  
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [139852] Re: Argonaut V message from TenTec  
Message-ID: <3DCFAD9E.1C96CA41@amsat.org>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii

Content-transfer-encoding: 7bit

William Phinizy wrote:

> the Ten-Tec assertion that they received an 80%  
> response for the product they designed and marketed will have been  
> substantiated. If it does not, then they will have missed the mark.

I haven't followed this thread too closely, but did someone post the actual question they asked? Many times the way questions are asked (and the choices allowed) influences the answer and doesn't actually measure what was intended to measure:

1) How much of your operating time do you (or would you) operate from a battery?

- a. less than 10%
- b. ....

If you hike just a couple of times a year with your portable rig, then maybe answer a is true. However, does that make battery operation a less significant requirement?

b) How important is battery operation to you?

- a. not important at all
- b. ....

If I would answer "a" here, then it leaves no question to whether or not I care about battery operation.

> I think,  
> however, that we should be rather grateful that they have solicited our  
> input and recognized the market.

Well, thankful....that just market research. It's not exactly an altruistic gesture. I'm sure they rather prefer their rigs to sell. Especially smaller companies in niche markets will have to carefully listen to their customer base. And if the potential customer gets warm fuzzy feelings because s/he is being asked for their input, then that's just two flies in one swat.

Some companies solicit for my time around dinner time with their surveys, which doesn't really make me want to run out and post a thank-you card to them. :)

73,  
--Alex KR1ST

-----  
Date: Mon, 11 Nov 2002 05:24:01 -0800 (PST)  
From: n8ie <n8ie@woh.rr.com>  
To: qrp-l@lehigh.edu  
Subject: [139853] Re: sweepstakes logs  
Message-ID: <6643641.1037021041328.JavaMail.Administrator@atp>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Dan es all,  
Try this link out and look at Cabrillo Converter.  
<http://www.cabrillotools.com/>

72, oo  
Dan, N8IE

>On Sun, 10 Nov 2002 22:28:48 -0800 Dan Presley <talljazz@teleport.com>  
wrote.  
>Finally getting around to doing up my log for the sweepstakes last  
>week! I logged by hand-anyone help in converting it to the right  
>format for submission? If you can explain how I can do it on a Mac,  
>I'll give it a stab.  
>--  
>Dan Presley-N7CQR-Portland, Or QRP-L #502  
>n7cqr@arrl.net

-----  
Date: Mon, 11 Nov 2002 07:42:20 -0600  
From: David Heintzleman <pstrdave@kdsi.net>  
To: ve3ab@mail.mondenet.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [139854] Re: Ladder line question-balanced coax feeder??  
Message-ID: <3DCFB3BC.8CDEB8D3@kdsi.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I agree with:

- a) balanced coax for difficult situations, getting into house, etc for short to medium runs, I have used for 30 feet then ladder line -
  - b) it does have more loss than balanced line, but decent trade off.
- Dave K8BBM

ve3ab@mail.mondenet.com wrote:

>  
> Balanced coax feeder!--I guess it might be a solution where you cant  
> use a regular balanced line. Dont know what the losses would be but  
> chances are it might be less than balanced feeder lying in moisture  
> pools on a roof. Just thought id throw this alternative in for food  
> for thought. 73 Earl VE3AB

-----  
Date: Mon, 11 Nov 2002 08:48:36 -0500  
From: "Charles Mabbott" <aa8vs@msn.com>  
To: w2agn@w2agn.net, qrp-1@lehigh.edu  
Subject: [139855] Batteries, Argonauts, and other things...  
Message-ID: <F16n1KVHYS8YV2btIXw0000038a@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Polls only work when you provide the input they are expecting.  
If not it is usually discarded as non relevant.....  
Other than that had a great radio weekend, run on batteries most of  
the time. But they are charged by an alternator.

73 oo  
Chuck AA8VS

"Whoever said the pen is mightier than the  
sword obviously never encountered automatic  
weapons."

<http://68.43.100.7:81/aa8vs>

>From: W2AGN <w2agn@w2agn.net>  
>Reply-To: w2agn@w2agn.net  
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
>Subject: Re: Argonaut V message from TenTec  
>Date: Sun, 10 Nov 2002 17:36:16 -0500  
>  
>On 10 Nov 2002 at 15:15, James R. Duffey wrote:  
>  
> >  
> > I am upset that I provided well thought out input to Ten-Tec and it was  
> > largely ignored. I find it difficult to believe that 80 percent of QRP-  
>L

> > responses to their request for input resulted in a consensus that low  
> power  
> > consumption is not important. - Dr. Megacycle KK6MC/5  
> > --  
> > James R. Duffey KK6MC/5  
> > Cedar Crest, NM DM65  
> >  
> >  
>  
> I, too, said that low current consumption was a priority.  
>  
> Must have been the same folks that took the ARRL poll on CW some time  
> ago.  
>  
>  
> ---  
> +---+---+---+---+ John L. Sielke  
> |W||2||A||G||N| http://www.w2agn.net [UPDATED]  
> +---+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

---

The new MSN 8: smart spam protection and 2 months FREE\*  
<http://join.msn.com/?page=features/junkmail>

-----  
Date: Mon, 11 Nov 2002 08:56:38 -0500  
From: W2AGN <w2agn@w2agn.net>  
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [139856] Re: New version of Golog contest logger for Palm OS  
Message-ID: <3DCF70C6.3359.DA469C2@localhost>  
MIME-version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

On 10 Nov 2002 at 21:09, Dave Ek wrote:

> All,  
>  
> I've updated my Golog contesting software for Palm OS with two oft-  
> requested  
> features:  
>  
> If I may interject, Dave's GOLOG program is REALLY neat! I bought a Palm  
> 100 just to use it. (Only cost me \$29, so no big deal). With the CW

sender from NJQRP, it is a super, in the field Contest Combo. The ONLY thing negative, and it has nothing to do with Dave's program, is that it takes a while to get used to the printing style, called "graffiti" you must use on the Palm.

---

+-----+ John L. Sielke  
|W||2||A||G||N| http://www.w2agn.net [UPDATED]  
+-----+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

-----

Date: Mon, 11 Nov 2002 07:27:21 -0700 (MST)  
From: Chris Trask <ctrask@primenet.com>  
To: "Karl F. Larsen" <k5di@zianet.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [139857] Re: OT Linux Sendmail  
Message-ID: <Pine.BSI.3.96.1021111072613.14363B-100000@usr01.primenet.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Karl,

Maybe he works for a large company. According to your earlier posts concerning hams and patents, if he works for a large company he should be entitled to a signature of more than one line. :{)

Chris

On Sun, 10 Nov 2002, Karl F. Larsen wrote:

> On Sun, 10 Nov 2002, Thom LaCosta wrote:  
>  
> > On Sun, 10 Nov 2002, John J. McDonough wrote:  
> >  
> > > Lee  
> > >  
> > > I think it's pretty topical. A lot of folks on this list are playing with  
> > > Linux or thinking of playing with Linux.  
> >  
> > That's a pretty slippery slope...just because folks on the list are  
> > playing with Linux doesn't mean we all need to read about it...don't help  
> > me with my K2 rig.  
>  
> Two ideas Thom. Please simplify your signature to less than one  
> line like mine. And sell your K2 and get a better radio.  
>  
> I suspect your really pissed at the FOX thread too?



```

>
>
> >
> > Kinda like the the HTML thread, or the ear wax thread.
> >
> >
> > Thom
> >
> > baltimoremd@baltimoremd.com      Thom LaCosta K3HRN Webmaster
> > http://www.baltimoremd.com/      Baltimore's Home Page
> > http://www.baltimorehon.com/     Home of the Baltimore Lexicon
> > http://www.zerobeat.net          Home of The QRP Web Ring and DrakeList
> > http://www.tlchost.net           Web Hosting as low as $3.49/month
> >
> >
>
> --
>
>           - Karl Larsen k5di Las Cruces,NM Az ScQRPions -
>

```

```

      /-----\
    /  What's all this  \
   / extinct stuff, anyhow? \
  /-----\
  | /
oo\
(--) \
     \  . ' .
     \  ' '
     \  "
     \  .
     \  ( )
     \  '-| )__| :. \
     \  | | | | \
     \  c__; c__; ' -.. ' > .__

```

High Performance Mixers and  
Amplifiers for RF Communications

Chris Trask / N7ZWY  
Principal Engineer  
Sonoran Radio Research  
P.O. Box 25240  
Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: ctrask@primenet.com  
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

```

-----
Date: Mon, 11 Nov 2002 09:45:29 EST
From: IamSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [139858] info on FT-817

```

Message-ID: <1b9.939eb56.2b011c89@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hi Gang,  
I'll be an owner of an FT 817 in about three weeks.  
I know the rig comes with no CW filter.  
The Yaesu site says the Collins is a 10 pole filter.  
INRAD says it's a 9 pole.  
Anyway can someone tell me what the width of the\*STOCK\* SSB filter is?  
Also is there an FT 817 group?  
Thanks and GL DXing QRP  
Bob  
AF2Q

-----  
Date: Mon, 11 Nov 2002 09:37:19 -0500 (EST)  
From: Thom LaCosta <baltimoremd@baltimoremd.com>  
To: "Karl F. Larsen" <k5di@zianet.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [139859] Re: OT Linux Sendmail  
Message-ID: <20021111093332.H53567-100000@unix1.vhost.min.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 10 Nov 2002, Karl F. Larsen wrote:

>  
> Two ideas Thom. Please simplify your signature to less than one  
> line like mine.

You're hysterical Karl...you can't even count. Your signature line is one line...so no one can make their like yours and be less than one line.  
I'll be happy to arrange for you to audit one of the remedial math classes I teach.

Thom

baltimoremd@baltimoremd.com  
<http://www.baltimoremd.com/>  
<http://www.baltimorehon.com/>  
<http://www.zerobeat.net>  
<http://www.tlchost.net>

Thom LaCosta K3HRN Webmaster  
Baltimore's Home Page  
Home of the Baltimore Lexicon  
Home of The QRP Web Ring and DrakeList  
Web Hosting as low as \$3.49/month

-----

Date: Mon, 11 Nov 2002 10:03:35 -0500  
From: W2AGN <w2agn@w2agn.net>  
To: baltimoremd@baltimoremd.com,  
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [139860] Re: OT Linux Sendmail  
Message-ID: <3DCF8077.13726.DE1B571@localhost>  
MIME-version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

On 11 Nov 2002 at 9:37, Thom LaCosta wrote:

> On Sun, 10 Nov 2002, Karl F. Larsen wrote:  
>  
> >  
> > Two ideas Thom. Please simplify your signature to less than one  
> > line like mine.  
>  
> You're hysterical Karl...you can't even count. Your signature line is  
one  
> line...so no one can make their like yours and be less than one line.  
> I'll be happy to arrange for you to audit one of the remedial math  
classes  
> I teach.  
>  
> Thom

Every village has its idiot, I guess Karl is the QRP-L village's answer  
to that.

---  
+---+---+---+---+ John L. Sielke  
|W||2||A||G||N| <http://www.w2agn.net> [UPDATED]  
+---+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

-----  
Date: Mon, 11 Nov 2002 10:10:01 -0500  
From: "Stephen King" <frstephenk@stfrancishigh.org>  
To: <wkhibbert@juno.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [139861] Re: FT-817 and NiMH Self Discharge?  
Message-ID: <001701c28994\$682d9ca0\$3950a8c0@RM204>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Thanks for the helpful post! Your empirical evidence (thanks for the times included in the report) seem to match my experience of the NiMH cells in the 817. If I leave it sit for more than about a week the cells discharge very fast and if it sits longer there may not be enough power left to power-up the radio.

Peace & 73

Stephen

W3SMK

K2 #2644

----- Original Message -----

From: <wkhibbert@juno.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Sunday, November 10, 2002 9:56 PM

Subject: FT-817 and NiMH Self Discharge?

> First off, I do not have and FT-817.

>

> However, between the amateur gear and the commercial NDT equipment I use

> I do have quite a few NiMH battery packs and they do have a substantial

> self discharge rate.

>

> Typically, an 8 AH pack in my eddy current scope will die in about 3

> weeks, this meaning that the remaining charge will not power the scope

> for more than 15 - 20 minutes. A fully charged (fresh) pack will run the

> scope for 6 - 8 hours.

>

> The portable UT thickness gauges that I use, generically called "T-Mikes"

> specifically state that only alkaline or NiCads be used as the NiMH cells

> do not store well enough to be reliable in the field. If you have just

> climbed up a 40 foot ladder inside a boiler, or crawled into the

> superheater in a power plant, the LAST thing you want is to climb back

> out to change batteries.

>

> My HTX-202 works like a charm on the 2 AH NiMH pack, that is when it's

> just come off the charger. A week later, all bets are off.

>

> So, this poses the question: How much of the observed battery discharge

> is inherent in the battery design and how much is inherent in the

> rig?????????

>

> If I had one on the bench I could find out. Before posting yet another

> comment/observation or flame, how about setting up and testing just where

> the discharge is occurring?

>

> 73, Wm. Keith Hibbert, WB2VUO, TC/WNY ARRL Section  
> President, Brockport Amateur Radio Klub  
> "My night light runs more power than my Rig!!!"  
>  
>  
-----  
> Sign Up for Juno Platinum Internet Access Today  
> Only \$9.95 per month!  
> Visit [www.juno.com](http://www.juno.com)  
>  
>

-----  
Date: Mon, 11 Nov 2002 10:19:32 -5  
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>  
To: qrp-1@lehigh.edu  
Subject: [139862] Ft Wayne Hamfest QRP Forum  
Message-ID: <200211111518.gABFIJLJ025184@hagus.bright.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

The Ft. Wayne Indiana Hamfest is this coming weekend Nov. 16/17. They have an excellent web page at: <http://www.acarts.com/> with a complete schedule.

We have had an informal QRP Forum the past several years, and apparently it has been the one of the most well attended of the forums at the hamfest. This year they have given us 2 hours, and there is no one scheduled in the following time slot in the room we will be using. The Forum begins Sunday at 11 AM.

We will use the same format as in the past. Bring your show and tell items, latest projects, questions, etc We will start at 11 and go til we run out of things to talk about or they throw us out! If yo uhabve an item you want to bring but don't want to lug around the hamfest all day Sunday, drop it off at my table (B108-B109) and pick it up just before 11.

Spread the word, and I hope to see a lot of you there again this year I will have a functional R2Pro receiver along, and a couple of new kits that the group might be interested in.....

73 - Bill - N8ET  
Kanga US  
[kanga@bright.net](mailto:kanga@bright.net)

<http://www.bright.net/~kanga/>  
419-423-4604

-----  
Date: Mon, 11 Nov 2002 10:24:21 -0500  
From: "KB3CVS (Tom)" <kb3cvs@comcast.net>  
To: qrp-1@lehigh.edu  
Subject: [139863] Re: FT-817 and NiMH Self Discharge?  
Message-ID: <3DCFCBA5.8060800@comcast.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii; format=flowed  
Content-transfer-encoding: 7BIT

Stephen King wrote:

>If I leave it sit for more than about a week the cells discharge very  
>fast and if it sits longer there may not be enough power left to power-up  
>the radio.

>

>

I'm into digital cameras which use NiCd and NiMH batteries.

"Conventional" wisdom within these circles says that the batteries have  
a self-discharge rate of about 10%/day. I don't know who originally  
tested, but I can say from experience that this seems to be the case.

I presume, that the same type of self-discharge is occurring in  
batteries for QRP use.

-Tom-  
KB3CVS

-----  
Date: Mon, 11 Nov 2002 10:35:49 -0500 (EST)  
From: Thom LaCosta <baltimoremd@baltimoremd.com>  
To: "KB3CVS (Tom)" <kb3cvs@comcast.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [139864] Re: FT-817 and NiMH Self Discharge?  
Message-ID: <20021111103350.W53567-100000@unix1.vhost.min.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 11 Nov 2002, KB3CVS (Tom) wrote:

> I'm into digital cameras which use NiCd and NiMH batteries.  
> "Conventional" wisdom within these circles says that the batteries have  
> a self-discharge rate of about 10%/day. I don't know who originally  
> tested, but I can say from experience that this seems to be the case.

Is that with the batteries in or out of the circuit? I don't recall seeing that type of discharge rate in NiCad/NiMH batteries that I have "On the Shelf" after charging....

Now, I'm prompted to check out the one in the camera(s).

Thom

|                                                                         |                                        |
|-------------------------------------------------------------------------|----------------------------------------|
| baltimoremd@baltimoremd.com                                             | Thom LaCosta K3HRN Webmaster           |
| <a href="http://www.baltimoremd.com/">http://www.baltimoremd.com/</a>   | Baltimore's Home Page                  |
| <a href="http://www.baltimorehon.com/">http://www.baltimorehon.com/</a> | Home of the Baltimore Lexicon          |
| <a href="http://www.zerobeat.net">http://www.zerobeat.net</a>           | Home of The QRP Web Ring and DrakeList |
| <a href="http://www.tlchost.net">http://www.tlchost.net</a>             | Web Hosting as low as \$3.49/month     |

-----  
Date: Mon, 11 Nov 2002 15:42:24 +0000  
From: Larry Cahoon <lejek@erols.com>  
To: gosier@twcnny.rr.com,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [139865] Re: CQ South Carolina !!!!! ..... 7037 !!!!!  
Message-ID: <5.1.0.14.0.20021111153611.02cd3ca0@pop.erols.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

George, I hate to do this to you,

But you just missed N4RS/M running SC counties over the weekend - I worked him there 20 times mostly at 100 mW and never more with more than 500 mW. He was running both on 20 and 40 meters to make it easy for us. Unfortunately I missed him in Bamberg to finish up SC all QRP and all QRPP.

73 de Larry.....WD3P in MD  
<http://www.wd3p.net/>  
The CW Counter Hunters can be found mainly on 14.056.5, but some QSY after the run to 7.039, 21.056.6 and 21.56.6

At 10:26 PM 11/10/2002 -0500, George Osier wrote:  
>Hello !!!!!  
>

>Looking for mw SC !!!!!!!  
>Be there for a while !!!  
>  
>72s  
>  
>George Osier , N2JNZ

-----  
Date: Mon, 11 Nov 2002 15:59:06 +0000  
From: Larry Cahoon <lejek@erols.com>  
To: qrp-1@lehigh.edu  
Subject: [139866] Two more states fall all QRP  
Message-ID: <5.1.0.14.0.20021111154819.02c992e8@pop.erols.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

It was a good weekend.

NF0N/M, Mike was out running SD counties. I managed to work him 15 times. Who says SD is rare? In the process I picked up my last three counties there to finish up the state all QRP - average power to work a SD county - 1.69 watts. Oh every QSO with Mike was at 500 mWatts. And as a side benefit Mike usually runs QRP/M.

Then about half an hour after finishing up SD, Charlie, W0RRY/M makes it to my last in OK - Tillman county. It took 5 watts to work him. Average power needed to work an OK county 870 mWatts.

With 3007 counties worked QRP, now I just have to get the last 70 counties I need.

73 de Larry.....WD3P in MD  
<http://www.wd3p.net/>

-----  
Date: Mon, 11 Nov 2002 10:58:37 -0500  
From: "John J. McDonough" <wb8rcr@arrl.net>  
To: <baltimoremd@baltimoremd.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [139867] Re: FT-817 and NiMH Self Discharge?  
Message-ID: <027101c2899b\$3352dd40\$010044c0@chartermi.net>  
MIME-Version: 1.0



Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Thom LaCosta" <baltimoremd@baltimoremd.com>  
Subject: Re: FT-817 and NiMH Self Discharge?

> Is that with the batteries in or out of the circuit? I don't recall  
> seeing that type of discharge rate in NiCad/NiMH batteries that I have "On  
> the Shelf" after charging....

This is one of the big disadvantages of NiMH batteries. NiCd's have a self-discharge rate too, but it's way lower than NiMH. The NiMH's have more capacity, but you need to charge them immediately before use. Doesn't matter whether they are in the camera or not, they slowly (well, not so slowly) discharge.

72/73 de WB8RCR      <http://www.qsl.net/wb8rcr>  
didileydadidah      QRP-L #1446 Code Warriors #35

-----  
Date: Mon, 11 Nov 2002 09:17:00 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: Chris Trask <ctrask@primenet.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [139868] Re: OT Linux Sendmail  
Message-ID: <Pine.LNX.4.44.0211110912580.9929-1000000@Daisy.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Chris, yours at least is cute. His is really gross with so many items with his name. I'm on my old linux (Red Hat version 72) and the signature on this msg will be an old one...:-)

I may jump version 7.3 from version 8.0 I was just using. This version I got almost everything working. As I set up later versions things stopped working...very strange.

On Mon, 11 Nov 2002, Chris Trask wrote:

>

> Karl,  
> Maybe he works for a large company. According to your earlier  
> posts concerning hams and patents, if he works for a large company he  
> should be entitled to a signature of more than one line. :{)  
>  
> Chris  
>  
> On Sun, 10 Nov 2002, Karl F. Larsen wrote:  
>  
> > On Sun, 10 Nov 2002, Thom LaCosta wrote:  
> >  
> > > On Sun, 10 Nov 2002, John J. McDonough wrote:  
> > >  
> > > > Lee  
> > > >  
> > > > I think it's pretty topical. A lot of folks on this list are playing with  
> > > > Linux or thinking of playing with Linux.  
> > >  
> > > That's a pretty slippery slope...just because folks on the list are  
> > > playing with Linux doesn't mean we all need to read about it...don't help  
> > > me with my K2 rig.  
> >  
> > Two ideas Thom. Please simplify your signature to less than one  
> > line like mine. And sell your K2 and get a better radio.  
> >  
> > I suspect your really pissed at the FOX thread too?  
> >  
> >  
> > >  
> > > Kinda like the the HTML thread, or the ear wax thread.  
> > >  
> > >  
> > > Thom  
> > >  
> > > baltimoremd@baltimoremd.com Thom LaCosta K3HRN Webmaster  
> > > http://www.baltimoremd.com/ Baltimore's Home Page  
> > > http://www.baltimorehon.com/ Home of the Baltimore Lexicon  
> > > http://www.zerobeat.net Home of The QRP Web Ring and  
DrakeList  
> > > http://www.tlchost.net Web Hosting as low as \$3.49/month  
> > >  
> > >  
> >  
> > --  
> >  
> > - Karl Larsen k5di Las Cruces,NM Az ScQRPions -  
> >  
>



off-the-shelf.

Paul KB0LUR

Karl Kanalz <kkanalz@gcecis.com> wrote:

> Those portable radio variable capacitors were originally introduced as =

> "Poly-Varicons", 'cause they use a poly plastic for the dielectric (rat=  
> her =

> than air). To the best of my knowledge, they were developed and =

> manufactured in Japan.

> =

> They would, therefore, require a METRIC mounting screw(s), not an SAE =

> screw.

> =

> Karl K - W8TIF

> McKinney, Texas

> =

> -----Original Message-----

> From: Mike Yetzko [SMTP:myetzko@insydesw.com]

> Sent: Sunday, November 10, 2002 8:15 PM

> To: Low Power Amateur Radio Discussion

> Subject: Re: Screws

> =

> > Hi gang,

> > Does anyone know the size screw that is used to mount those small

> > plastic variable caps such as used in a lot of portable radios?

> > Sometimes I hear them referred to as 'polycaps'

> >

> > They appear to be a 2-20 or something like that. Also, how about a

> > supplier? All my local hardware stores look at me like I'm nuts when=

> I

> > bring them one.

> >

> > Thanks

> > Bob WB0POQ

> =

> I don't know if they are what you're looking for, but at one time I had=  
> a

> drawer of 2-56 screws and nuts. Both in steel and in nylon. Don't kno=

W

> if there are any in my cabinet now, but I think 2-56 would be the  
> 'standard' for a #2 screw. RS used to carry them, don't know if they  
> still do. If you need just one or two, drop me a direct note and I'll  
> see if I can find some...

> =

> Mike

> =

> =

> =

> =

-----  
Date: Mon, 11 Nov 2002 08:20:53 -0800 (PST)  
From: Lloyd Lachow <llachow@yahoo.com>  
To: QRP-l <qrp-l@lehigh.edu>  
Subject: [139870] PDA Logging advice needed  
Message-ID: <20021111162053.63944.qmail@web41009.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Greetings! As a total QRP-head, my shack is very minimal - a card table in the living room. It's also my workbench. There's no 'puter, nor is there room for one. Also, If there was one, I'd be tempted to look at DX spotting, rather than just tune around...couldn't have that...wouldn't be proper...hrumph mumble...

Anyway, I'm intrigued by the concept of using a PDA. I'd like to have an inexpensive, minimal-yet-entirely-adequate PDA, a plug-in keyboard to avoid Graffiti input, and a reliable logging program that would be useful for a wide range of contests.

I'd be most grateful for input on the minimal requirements for such a setup, and good sources of acquiring these items. GoLog looks like a contender for software...

While the issue of logging for QRP, and setting up a system that will work /P, is clearly on-topic, feel free to respond to me directly, or to the list. I'm after maximum input here!

Thanking you prospectively,

Lloyd, K3ESE  
(you can't spell Lloyd without lol)

=====

73, 72 es oo, Lloyd, K3ESE  
K1 # 00379 - 20M Rock-Mite - Hunk o' Wahr  
ARRL - ARS #1301 - FISTS #8774  
FPqrp #476 - QRParci #11147  
QRP-L #2415 - SOC #530  
HGT #6'1 - Wgt #190 - BT #B-  
dit dididit dit

-----  
Do you Yahoo!?  
U2 on LAUNCH - Exclusive greatest hits videos  
<http://launch.yahoo.com/u2>

-----  
Date: Mon, 11 Nov 2002 11:27:29 EST  
From: WE7X@aol.com  
To: QRP-L@lehigh.edu  
Subject: [139871] WTB: Daiwa CS-401 coax switch  
Message-ID: <17c.11af009b.2b013471@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Sorry if it is a repeat, but my message did not show up at my screen after 12 hours.

I'm looking for a Daiwa Model CS-401four position coaxial antenna switch for a VHF/UHF project,

Cash, or among other things, I have several other excellent coax switches to trade or new PolyPhaser IS-50-NX-C2 VHF/UHF Coaxial surge suppressors with N connectors.

Rod Johnson  
WE7X  
Issaquah, WA.

-----  
Date: Mon, 11 Nov 2002 16:43:01 -0000  
From: "Ray Goff" <radioham@gmx.co.uk>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [139872] Re: PDA Logging advice needed  
Message-ID: <003a01c289a1\$81413730\$b6f00350@starfishrcg>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi,

Take a look at my QSO Diary software on [www.g4fon.co.uk](http://www.g4fon.co.uk)

It is not intended for contesting, but works well for general logging.

By the way, the price is right...

72/73's

Ray, g4fon

----- Original Message -----

From: "Lloyd Lachow" <llachow@yahoo.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Monday, November 11, 2002 4:20 PM  
Subject: PDA Logging advice needed

> Greetings! As a total QRP-head, my shack is very  
> minimal - a card table in the living room. It's also  
> my workbench. There's no 'puter, nor is there room  
> for one. Also, If there was one, I'd be tempted to  
> look at DX spotting, rather than just tune  
> around...couldn't have that...wouldn't be  
> proper...hrumph mumble...

>  
> Anyway, I'm intrigued by the concept of using a  
> PDA. I'd like to have an inexpensive,  
> minimal-yet-entirely-adequate PDA, a plug-in keyboard  
> to avoid Graffiti input, and a reliable logging  
> program that would be useful for a wide range of  
> contests.

```

>
> I'd be most grateful for input on the minimal
> requirements for such a setup, and good sources of
> acquiring these items. GoLog looks like a contender
> for software...
>
> While the issue of logging for QRP, and setting up
> a system that will work /P, is clearly on-topic, feel
> free to respond to me directly, or to the list. I'm
> after maximum input here!
>
>
>
> Thanking you prospectively,
>
> Lloyd, K3ESE
> (you can't spell Lloyd without lol)
>
> =====
> 73, 72 es oo, Lloyd, K3ESE
> K1 # 00379 - 20M Rock-Mite - Hunk o' Wahr
> ARRL - ARS #1301 - FISTS #8774
> FPqrp #476 - QRParci #11147
> QRP-L #2415 - SOC #530
> HGT #6'1 - Wgt #190 - BT #B-
> dit dididit dit
>
> -----
> Do you Yahoo!?
> U2 on LAUNCH - Exclusive greatest hits videos
> http://launch.yahoo.com/u2
>
>

```

```

-----

Date: Mon, 11 Nov 2002 12:01:38 -0500
From: John Payne <paynej1@strato.net>
To: qrp-l@lehigh.edu
Subject: [139873] Re: OT Linux Sendmail
Message-ID: <D8TNDBPMOJOKNH84A6MLLIZX3WYTYW1V.3dcfe272@john>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

```

Karl, I have ignored most of your idiocy untill your implication that there is a better radio than the K2.

By what criteria? There is no radio within the price range better than a K2. I



guess you can't read, as the reviews of the K2 all state this in so many words. Just because you can't manage to get one, don't speak of what you don't know. Apparently John et al are right, you are the village idiot. Please go away, or at least use that 3 lb. of chocolate pudding between your ears before you post! As for Linux, you are not qualified to use it, by your own admission, so give up! I and most of the rest of us are tired of your pontificating about Linux et al, so buzz off!

de John N4FLJ

11/10/02 5:21:48 PM, "Karl F. Larsen" <k5di@zianet.com> wrote:

>On Sun, 10 Nov 2002, Thom LaCosta wrote:

>

>> On Sun, 10 Nov 2002, John J. McDonough wrote:

>>

>> > Lee

>> >

>> > I think it's pretty topical. A lot of folks on this list are playing with

>> > Linux or thinking of playing with Linux.

>>

>> That's a pretty slippery slope...just because folks on the list are

>> playing with Linux doesn't mean we all need to read about it...don't help

>> me with my K2 rig.

>

> Two ideas Thom. Please simplify your signature to less than one

>line like mine. And sell your K2 and get a better radio.

>

> I suspect your really pissed at the FOX thread too?

>

>

>>

>> Kinda like the the HTML thread, or the ear wax thread.

>>

>>

>> Thom

>>

>> baltimoremd@baltimoremd.com

>> <http://www.baltimoremd.com/>

>> <http://www.baltimorehon.com/>

>> <http://www.zerobeat.net>

>> <http://www.tlchost.net>

>>

>>

>

Thom LaCosta K3HRN Webmaster

Baltimore's Home Page

Home of the Baltimore Lexicon

Home of The QRP Web Ring and DrakeList

Web Hosting as low as \$3.49/month

>--

>

> - Karl Larsen k5di Las Cruces, NM Az ScQRPions -

>

>

>

"The real proof that there is intelligent life in outer space is that they haven't come here."

-----

Date: Mon, 11 Nov 2002 11:14:31 -0600

From: "George, W5YR" <w5yr@att.net>

To: ve3ab@mail.mondenet.com

Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [139874] Re: Ladder line question-balanced coax feeder??

Message-ID: <3DCFE577.90229584@att.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Earl, since I have been posting on this balanced coax business, let me caution everyone interested that a balanced coax line operating under the usually high SWR that a ladderline experience can be very lossy. That is the price paid for the shielding of the coax and the freedom it provides in routing the line around metallic objects and other wires, etc.

The length of a balanced coax line should always be kept to a minimum in order to minimize SWR loss in the line.

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas

In the 57th year and it just keeps getting better!

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe

K2 #489 Icom IC-765 #2349 Icom IC-756 PRO #2121

ve3ab@mail.mondenet.com wrote:

>

> Balanced coax feeder!--I guess it might be a solution where you can't  
> use a regular balanced line. Don't know what the losses would be but  
> chances are it might be less than balanced feeder lying in moisture  
> pools on a roof. Just thought I'd throw this alternative in for food  
> for thought. 73 Earl VE3AB

x

-----  
Date: Mon, 11 Nov 2002 12:05:22 -0500 (EST)  
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>  
To: qrp-l <qrp-l@lehigh.edu>, Laurel ARC <larc-l@webtrek.com>,  
<eax@w3eax.umd.edu>  
Subject: [139875] Needed - schematic for Radio Shack DX-394?  
Message-ID: <Pine.LNX.4.44.0211111203010.10354-100000@w3eax.umd.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I got to messing with my DX-394 (at one point I was planning on selling it) and discovered that the preamp is no longer working (the 20db attenuator is "always on," meaning the preamp never comes on, I suspect).

I have a complete parts list but the only place to find the schematic diagram is in the service manual, which is no longer printed.

Would anyone happen to have a copy of the schematic?

Thanks,

Scott N7JI

--

Scott Rosenfeld ARS N7JI  
541-684-9970 Eugene, OR Land o' much rain  
If you find me on the air, I'm probably in my car  
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

-----  
Date: Mon, 11 Nov 2002 05:41:11 -0000  
From: "Walter Amos" <waltk8cvamosqrp@earthlink.net>  
To: <myetsko@insydesw.com>  
Subject: [139876] Re: Argonaut V message from TenTec  
Message-ID: <000c01c289a4\$a4a7d6e0\$a72a3b41@waltamos>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

FELLOW WORRIERS :

I hear the new MODE B Elecraft will have a USWS BUTTON but you will need the

optional USWS TRANSVERTER and OPTIONAL discone antenna with the KIOWA optional power supply / interface cord. This option will fit under or over the \$400 digital weather encoder / decoder readout that will double as a CW / RTTY contest exchange reader. The whole package will require shipping buy RIDER TRUCKING as it is overweigh for weight on UPS and over size also! This option will be available in the new elecraft MODE B color of battery blue that is electrolyte resistant. All this is powered by the optional \$200 dollar " little red wagon " that the trusty DOG can pull.

These and many other upcoming options will soon be available ..... soon ..... soon !!

Walt ... May cause drowsiness, weight gain, liver damage or headache.  
Results not typical. Offer may vary by region.  
Value 1/20 of a red cent.

----- Original Message -----

From: "Mike Yetsko" <myetsko@insydesw.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Monday, November 11, 2002 01:42  
Subject: Re: Argonaut V message from TenTec

> > Just to really throw some gasoline on the fire, I don't give a hoot  
> about  
> > weather radio reception either.  
>  
>  
> YOU DON'T CARE ABOUT WEATHER??????  
>  
>  
>  
>

-----  
Date: Mon, 11 Nov 2002 12:29:46 -0500  
From: W2AGN <w2agn@w2agn.net>  
To: paynej1@strato.net,  
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [139877] Re: OT Linux Sendmail  
Message-ID: <3DCFA2BA.9056.E678C1D@localhost>  
MIME-version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Content-description: Mail message body

On 11 Nov 2002 at 12:01, John Payne wrote:

> Karl, I have ignored most of your idiocy untill your implication that there is a better radio than the K2.  
> By what criteria? There is no radio within the price range better than a K2. I guess you can't read, as the  
> reviews of the K2 all state this in so many words. Just because you can't manage to get one, don't speak of  
> what you don't know. Apparently John et all are right, you are the village idiot. Please go away, or at  
> least use that 3 lb. of chocolate pudding between your ears before you post! As for Linux, you are not  
> qualified to use it, by your own admission, so give up! I and most of the rest of us are tired of your  
> pontificating about Linux et all, so buzz off!  
>  
> de John N4FLJ

John,

Be gentle. Remember, you have to BUILD a K2. That requires not only manual dexterity, but a certain amount of intelligence. Don't expect too much!

(Getting up the nerve to do the PLL,BFO and crystal mods in K2 #023.)

---

+-----+ John L. Sielke  
|W||2||A||G||N| http://www.w2agn.net [UPDATED]  
+-----+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

-----

Date: Mon, 11 Nov 2002 11:22:55 -0600  
From: "Tim, N9PUZ" <n9puz@arrl.net>  
To: <QRP-1@lehigh.edu>  
Subject: [139878] Electronic Primers  
Message-ID: <200211111823.MAA18981@gallium.eosinc.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: quoted-printable

Frequently there are posts here where people are looking for basic electronics information. A non-ham related list I subscribe to recently mentioned the following site. It's a commercial outfit but they have a series of primers in pdf=

format that look interesting. I have not looked at all of them=
but the couple I glanced through look worthwhile, especially for=
the non-engineers among us.

=09http://www1.jaycar.com.au/primers.asp

Tim, N9PUZ
http://www.qsl.net/n9puz

-----
Date: Mon, 11 Nov 2002 11:47:52 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-l@lehigh.edu>
Subject: [139879] Fox - Winter Fox Hunt Teams Results.
Message-ID: <Pine.LNX.4.33.0211111136180.20903-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hunt #2 - W0UFO -

...Note: the Steamers have changed their name to the "Loco-motives."
hmmm...does this mean we have Crazy motives now?... ;-))

Burbank Wrecking Crew - 7

Cheeseheads - 10

Michael - K6MMC

Jerry - N9AW \*

Todd - AG0T \*

Jim - WA9TZE \* Clean

Don - KC2CK \*

Lon - W9XU \* Sweep

Woody - WD9F \*

Rick - NK9G \*

Trev - KG6CYN

Glenn - WE9K \*

NE-TX Tornados - 10

p-Shooters - 4

Chuck - W5USJ \*

Chuck - K7Q0

Bill - K5JHP \* Clean

Gary - NQ7T

Don - K5DW \* Sweep

Jim - KC1FB \*

Doc - W5TB \*

Wayne - W5KDJ

George - W5YR \*

Tony - KB9YIG \*

Raiders of the Lost RF - 10

Swamp Rats - 8

Dan - VE6EZ \*  
Earl - VA6RF \* Clean  
Fred - VE3FAL \* Sweep  
Robert - VE6JAZ \*  
Bruce - VE5RC \*

Larry - N2WW \*  
ET - N1FN \*  
Paul - K4FB \*  
Doc - K0EVZ  
Tom - N1TP \*

K1 K9s - 8

Cajun Thunder - 6

Lloyd - K3ESE \*  
John - K8HJ \*  
Ralph - KD1R  
Joe - W2RBA \*  
Alan - N3BJ \*

Wayne - K5EOA  
Jim - N5IB \*  
Vern - AA50 \*  
Wayne - N5YFC \*  
Tom - AC5JH

Great Lakers - 8

Underdogs - 10

Mark - K2Q0  
Tom - KV2X \*  
Al - K2ZN \*  
Bill - K2TER \*  
Jeff - VA3JFF \*

Dan - N4R0A \*  
Dave - W0CH \* Clean  
Ron - KI0II \* Sweep  
Randy - K7TQ \*  
Art - KB7WW \*

Aluminum Kings - 6

Dust Devils - 9

Bob - N4BP \*  
Jim - N0UR \*  
Al - K0FRP \*  
?  
?

George - KR5C \*  
Martin - N6LIF \* Clean  
Eric - NM5M \* Sweep  
Dale - K5SR \*  
Lew - N5ZE \*

Loco-motives - 6

Frank - K2PQ \*  
Jack - K5FSE \*  
Jason - N8XE \*  
Mike - VA6MJT  
?

..please send any changes and/or corrections directly to me...thank  
you...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -  
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -  
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

-----  
Date: Mon, 11 Nov 2002 10:49:18 -0700  
From: "Dave Ek" <ekdave@earthlink.net>  
To: <qrp-l@lehigh.edu>  
Subject: [139880] Re: PDA Logging advice needed  
Message-ID: <002501c289aa\$a9d772f0\$c1813389@NORTHROPJ6SJ50>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Lloyd,

As the author of Golog (and the designer of the Serial CW Sender kit being sold by NJQRP), let me say that while Golog is a fine PDA program for contesting (okay, maybe I'm biased), it's not good for general logging of QSOs. Perhaps Ray's QSO Diary would be better for that application (I haven't tried it but I'm sure it's great). If you like to keep a single log with all your QSO's (contest and non-contest) in it, you'll probably have a hard time combining the logs if you use both programs.

But let me contribute my own opinion here. I \*do\* have a PC in the shack (actually two, but that's a personal problem) and I wouldn't be without it for contributing to the enjoyment of my hamming. First, I keep my general log on my PC using free software called XMLog. It's pretty cool in that it also handles printing data on QSL cards, and prints mailing labels. I also use my PC for contest logging (I use TRLog, but there are many fine programs available). Why would I use a PC instead of my Golog PDA software? Simple--it's more powerful. With Golog, you can hook up a keyboard for data entry, or you can hook up the Serial Sender for keying your rig, but you can't use both at the same time (I designed Golog for field contesting with minimal equipment, so I leave the keyboard behind and use Graffiti). With my PC, however, I can have it both ways. I might use Golog for the Spartan Sprints, but for any big contests I'll use my PC. And when I'm done with a contest I can (with a little work) add my contest QSO's (even from Golog) to my general log without retyping them.

Besides logging, I use my PC for doing PSK31, APRS, computing ham satellite orbits, doing circuit calculations, drawing schematics, designing circuit boards, and probably lots of other stuff I'm forgetting (not to mention email and web surfing).



Now I realize that a PC would quickly overwhelm a card table shack like you describe, but perhaps a notebook computer would be practical. It doesn't have to be state-of-the-art. I have an old 486 Toshiba notebook computer that I bought on Ebay a couple years ago for under \$100 that works well for logging and PSK31, so even an older notebook would be useful. Now you can get Pentium notebooks for the same money.

For me personally, a computer is an essential part of my shack. Others will feel differently, I'm sure, and that's perfectly okay--we all have different interests. If you decide you want to stay with just a PDA, that's fine too. I just wanted you to know that there is much more to PCs in ham radio than just logging.

73 de Dave Ek (you can't spell Geek without Ek)  
NK0E

-----  
Date: Mon, 11 Nov 2002 13:10:16 -0500 (Eastern Standard Time)  
From: "Mike WA8BXN" <hubby2k@hotmail.com>  
To: <llachow@yahoo.com>, <qrp-l@lehigh.edu>  
Subject: [139881] Re: PDA Logging advice needed  
Message-ID: <3DCFF288.000009.88853@pentium>  
MIME-Version: 1.0  
Content-Type: Text/Plain  
Content-Transfer-Encoding: quoted-printable

Unfortunately PDA's have a single I/O port connection and you can't have both a keyboard and serial sender to key the rig (that is very neat to do). Graffiti input looks a lot harder than it actually is, and there is an on-screen keyboard you can use if you really decide you can't do Graffiti. I would suggest getting a PDA with replaceable batteries and the B&W screen rather than color as the color ones take much more power. The ones that recharge internal batteries do so thru that one port, so again yer in a bind if you want to use a keyboard or the serial sender. Palm M105's are going for under \$100 new and they work fine for logging etc.  
73/72 - Mike WA8BXN

-----  
Date: Mon, 11 Nov 2002 13:38:15 -0500  
From: Alex <kr1st@amsat.org>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [139882] Getting a bit too personal? Re: OT Linux Sendmail  
Message-ID: <3DCFF917.AA2656F6@amsat.org>  
MIME-version: 1.0

Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

John Payne wrote:

<nothing worth quoting>

A while ago there was a poll on this list regarding age vs. number of years licensed. Judging by the behavior displayed by some members, I'm starting to believe that quite a few were lying.

73,  
--Alex KR1ST

-----  
Date: Mon, 11 Nov 2002 13:52:09 -0500  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <w2agn@w2agn.net>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [139883] Re: OT Linux Sendmail  
Message-ID: <008901c289b3\$7dc4dc80\$0300a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> Every village has its idiot, ...

Speaking of which... The British channel on cable, forget the actual name, just this weekend showed the Monty Python with the interviews with the village idiots. How they train for the job...

Mike

-----  
Date: Mon, 11 Nov 2002 14:10:32 -0500  
From: W2AGN <w2agn@w2agn.net>  
To: Mike Yetsko <myetsko@insydesw.com>,  
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [139884] Re: OT Linux Sendmail  
Message-ID: <3DCFBA58.18357.EC3D19A@localhost>  
MIME-version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Content-description: Mail message body

On 11 Nov 2002 at 13:52, Mike Yetsko wrote:

```
> > Every village has its idiot, ...
>
> Speaking of which... The British channel on cable, forget the actual
> name, just this weekend showed the Monty Python with the interviews
> with the village idiots. How they train for the job...
>
```

I understand there is a PHd in village idiot available in certain western schools.

```
---
+---+---+---+---+ John L. Sielke
|W||2||A||G||N|      http://www.w2agn.net [UPDATED]
+---+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS
```

```
-----
Date: Mon, 11 Nov 2002 14:01:03 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <paynej1@strato.net>,
    "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [139885] Re: OT Linux Sendmail
Message-ID: <00d501c289b4$b0c1ba80$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
    charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
```

```
> ....., I have ignored most of your idiocy untill your implication that
> there is a better radio than the K2.
> By what criteria?
```

Actually, you hit it on the head squarely right there! What's important to someone else is not necessarily important to everyone.

The 'best tool' and the 'best tool for the job' are not necessarily the same thing.

If the criteria is a nice, relatively small, QRP package with superior performance for HF operation that can be 'camped in' then there's hardly anything that can hold a candle to the K2.

But, if the criteria is such that hiding a radio under a ski coat and have at least SOME VHF and UHF capability, at the expense of HF performance, is desired, then the 817 is a nice radio...

Yes, I have a K2, I after having it for about a year and a half, I just can't even conceive of anything else for HF operation while camping.

But I covet an 817 for under my ski coat, for when I might operate no more than 10 minutes at a time, while mountain topping on ski trips. Not just for the features of the 817, even with the reduced performance. Thing is, I can just imagine how a K2 would hurt if I fell on it.... (Oh, my skis are K2 too!)

Mike

-----  
Date: Mon, 11 Nov 2002 14:01:00 -0500 (EST)  
From: "n2cx" <n2cx@voicenet.com>  
To: qrp-l@lehigh.edu  
Cc: njqrp@njqrp.org  
Subject: [139886] Need a reference - on-topic!  
Message-ID: <200211111901.gABJ10wD011248@email2.voicenet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1

Gang,

I'm looking for some info for a very qrp-related project.

Back some years ago I recall that a gadget called the "Multi-band Tuner" was published in (shudder) 73 Magazine. The timing was some time in the early to mid-70's when that publication was still in the "small format."

The MBT and its later successor the Toroidal MBT used several inductors in conjunction with a mulit-gang polyvaricon type cap (do a Google search - you can find a data sheet for the poly caps!) to tune the whole HF band without bandswitches.

Problem is, I don't recall the exact publication date and my library of 73's has dwindled over the years - not to mention that the remaining issues have their pages kinda stuck together from years of exposure to basement humidity!

So (he said circumlocutiously) can anyone either point me to the correct publication date or, even better, make me a copy of either of the two articles?

72/73,

Joe E., N2CX

-----  
Date: Mon, 11 Nov 2002 13:54:11 -0500  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <kb3cvs@comcast.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [139887] Re: FT-817 and NiMH Self Discharge?  
Message-ID: <009f01c289b3\$ba4db000\$0300a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> I'm into digital cameras which use NiCd and NiMH batteries.  
> "Conventional" wisdom within these circles says that the batteries have  
> a self-discharge rate of about 10%/day. I don't know who originally  
> tested, but I can say from experience that this seems to be the case.  
>  
> I presume, that the same type of self-discharge is occurring in  
> batteries for QRP use.  
>  
> -Tom-  
> KB3CVS

That sounds awful high for NiCad. I believe NiCads are about 2-3% per day self-discharge. Don't recall what NiMh is.

Mike

-----

Date: Mon, 11 Nov 2002 14:32:49 -0500  
From: David Hinerman <WD8CIV@worldnet.att.net>  
To: qrp-1@lehigh.edu  
Subject: [139888] Re: OT Linux Sendmail  
Message-ID: <5.1.1.6.1.20021111143116.00a694c0@ipostoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 02:10 PM 11/11/2002 -0500, you wrote:  
>On 11 Nov 2002 at 13:52, Mike Yetzko wrote:  
>  
> > Every village has its idiot, ...  
> >  
> > Speaking of which... The British channel on cable, forget the actual  
> > name, just this weekend showed the Monty Python with the interviews  
> > with the village idiots. How they train for the job...  
> >  
>  
>  
>I understand there is a PHd in village idiot available in certain western  
>schools.

John,

We prefer to call that a Associate Degree in Electronic Engineering  
Technology. (Grin)

Dave

-----  
A Real Programmer can write FORTRAN in any language.  
-----

Dave Hinerman  
WD8CIV@worldnet.att.net

-----  
Date: Mon, 11 Nov 2002 12:14:22 -0800  
From: Mark Schoonover <schoon@amgt.com>  
To: "'k5di@zianet.com'" <k5di@zianet.com>,  
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [139889] RE: OT Linux Sendmail  
Message-ID: <BF889CEBEFD2D511B993009027F60ABE251A40@AG-JASMINE-NT4>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

> So I then used sendmail -bp to send all the qued mail, and it  
>did! Now sendmail is working again. The message is: nothing is perfect.

Well, dump sendmail for qmail and it will be perfect!!

72

.mark

-----

Date: Mon, 11 Nov 2002 15:00:36 -0500  
From: Garey Barrell <k4oah@mindspring.com>  
To: n2cx@voicenet.com,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [139890] Re: Need a reference - on-topic!  
Message-ID: <5.1.0.14.0.20021111145809.00a1ea60@pop.mindspring.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Joe -

FBT0 comes up with two refs....

Mini Multiband Tuner, 73 Magazine, December 1964, p 18  
A Toroidal Multiband Tuner, 73 Magazine. August 1966, p 30

Sorry, I don't have either one.

73, Garey - K40AH  
Atlanta

At 02:01 PM 11/11/2002, n2cx wrote:

>Gang,

>

>I'm looking for some info for a very qrp-related project.

>

>Back some years ago I recall that a gadget called the

>"Multi-band Tuner" was published in (shudder) 73

>Magazine. The timing was some time in the early to

>mid-70's when that publication was still in the "small

>format."

>

>The MBT and its later successor the Toroidal MBT used

>several inductors in conjunction with a mulit-gang  
>polyvaricon type cap (do a Google search - you can  
>find a data sheet for the poly caps!) to tune the whole  
>HF band without bandswitches.

-----  
Date: Mon, 11 Nov 2002 15:07:43 -0500  
From: Fred Lesnick <flesnick@tbaytel.net>  
To: QRPL <qrp-l@lehigh.edu>  
Subject: [139891] Re: FT-817 and NiMH Self Discharge?  
Message-ID: <3DD00E0F.AA1FF097@tbaytel.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

<http://www.vencon.com/articles/nicd1.html>

-----  
Date: Mon, 11 Nov 2002 13:34:07 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: "George, W5YR" <w5yr@att.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [139892] Re: Ladder line question-balanced coax feeder??  
Message-ID: <Pine.LNX.4.44.0211111331440.10859-100000@Daisy.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi George, another good trick is to put the 1:1 balun just on the cold side of the wall (outside) and then use a single coax to your antenna tuner a short distance to keep loss low.

On Mon, 11 Nov 2002, George, W5YR wrote:

> Earl, since I have been posting on thie balanced coax business, let me  
> caution everyone interested that a balanced coax line operating under the  
> usually high SWR that a ladderline experience can be very lossy. That is  
> the price paid for the shielding of the coax and the freedom it provides in  
> routing the line around metallic objects and other wires, etc.  
>  
> The length of a balanced coax line should always be kept to a minimum in  
> order to minimize SWR loss in the line.  
>



> 73/72, George  
> Amateur Radio W5YR - the Yellow Rose of Texas  
> In the 57th year and it just keeps getting better!  
> Fairview, TX 30 mi NE of Dallas in Collin county EM13qe  
> K2 #489 Icom IC-765 #2349 Icom IC-756 PRO #2121  
>  
>  
> ve3ab@mail.mondenet.com wrote:  
> >  
> > Balanced coax feeder!--I guess it might be a solution where you cant  
> > use a regular balanced line. Dont know what the losses would be but  
> > chances are it might be less than balanced feeder lying in moisture  
> > pools on a roof. Just thought id throw this alternative in for food  
> > for thought. 73 Earl VE3AB  
>  
> x  
>  
--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

-----  
Date: Mon, 11 Nov 2002 12:52:47 -0800  
From: "Dave Martin" <k2zu@seanet.com>  
To: "qrp-1" <qrp-1@lehigh.edu>  
Subject: [139893] Re: Need a reference - on-topic!  
Message-ID: <000301c289c4\$4b55ba60\$d8a32640@davemartin>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I can't help you with the information you seek but I really like the three  
dollar word you used!  
Dave K2ZU

-----  
Date: Mon, 11 Nov 2002 12:48:46 -0800  
From: "Dave Martin" <k2zu@seanet.com>  
To: "qrp-1" <qrp-1@lehigh.edu>  
Subject: [139894] Re: OT Linux Sendmail  
Message-ID: <000301c289c3\$bba55d80\$d8a32640@davemartin>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Which schools John? I've looked in all the course catalogs and I can't find it anywhere.  
Dave K2ZU

-----  
Date: Mon, 11 Nov 2002 15:43:20 -0500  
From: Fred Lesnick <flesnick@tbaytel.net>  
To: QRPL <qrp-1@lehigh.edu>  
Subject: [139895] Re: FT-817 and NiMH Self Discharge?  
Message-ID: <3DD01668.2B6F371E@tbaytel.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

[http://www.fingertech.co.uk/battery\\_technology.html](http://www.fingertech.co.uk/battery_technology.html)

NiCads:

NiCads (Nickel Cadmium) are the most used rechargeable batteries today. They have many good features, and last a long time. You can buy NiCads and a charger off-the-shelf and use them instead of AAs. NiCads are considerably more expensive than Lithium or Alkalines. NiCads perform the same way as Lithium batteries but they don't die as quickly. Their starting voltage is 1.25v and they hold their charge for the life of the battery. They are very good at responding to power surges, which means they provide reliable power for many applications. There are various brands available. NiCads have several disadvantages. The capacity is much less than Lithium and alkalines, and they dissipate just sitting on the shelf - 10% in the first 24 hours. It's use it or lose it with NiCads. Also, to get full potential from the batteries you have to let them drain completely. They are infamous for their

"memory" effect-crystals forming on the cell plates. As the crystals build up, the battery's maximum charge potential degrades. (Fully discharging the batteries breaks down the crystals.) Finally, if you are environmentally conscious, NiCads contain heavy metal cadmium, which is a targeted environmental pollutant.

NiMH:

The next most popular rechargeable battery is Nickel Metal Hydride (NiMH).

Designers find NiMH attractive because its energy density is considerably greater than NiCad. That means the NiMH battery holds 100% or more charge over a NiCad that is the same size. Like NiCads, NiMH batteries hold their charge for most of their rated capacity and then drop off very quickly. NiMH batteries do not respond to high power draws as well as NiCads. The self-discharge rate of NiMH is about 1.5 times that of NiCads, the cycle life of recharges is smaller (about 500), and they generate more heat during recharging. Despite these drawbacks, NiMH will continue to gain market share. People using the batteries are not concerned with shelf life (although self-discharge is crucial in charging). They are concerned about capacity and getting power. Unlike NiCads and their memory effect, NiMH batteries perform better when charged frequently. Finally, they contain no heavy metals.

Fred Lesnick wrote:

>

> <http://www.vencon.com/articles/nicd1.html>

-----

Date: Mon, 11 Nov 2002 16:18:36 -0500

From: JLeroy@automationdirect.com

To: jhisson1@columbus.rr.com

Cc: qrp-1@lehigh.edu

Subject: [139896] Ground Radial Construction Tips

Message-ID: <CA45D4785D15D411B3B20060971D9571016CEC7A@srv-

mail01.automationdirect.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Hi Jason,

I just put mine back up at the current QTH, after buying the 30m kit. I went to Home Depot and bought four 4ft pieces of half-inch copper pipe, four pipe caps and enough stainless bolts/nuts/washers to bolt #10 bare copper wire I had on hand in a square around the antenna base. Put the pipe caps on, then drove the pipes in a square around antenna base and squashed the pipe a bit and drilled a hole for the stainless bolt to hold the wire to the pipe. Then I connected "spiders" from each corner and middle of each side to the bolts on the base of the antenna (didn't use the little bolts holding the insulator at the base; I used a bolt on each side of the U shaped bracket holding the antenna to the pipe in the ground). I started to use split bolts to tie everything together, but ended up soldering it together after looking at the split bolt prices - they have them at HD if you decide to go that way. I used #14 black insulated wire for the radials, again from HD. I just keep the solder joints and bolt down points sprayed with clear enamel once a year. I did some reading early on, and the old 8ft ground rod stuff is not really helping you as far as rf, so I picked the copper pipe sections at HD as the most convenient length. Seems anything 2ft or longer is about the same as far as rf is concerned - see the ARRL TIS pages on rf grounding. I've currently got 16 radials down on the surface, hoping that they work their way into the grass (3dB down from a dipole, according to the ARRL Antenna Book) and plan to go to 32 at least (only 2dB down, Gack!). But adding more radials is just a matter of sanding the bare wire a bit and soldering the end of the radial to it. I made my radials 0.1 wavelength at the lowest frequency, 80 meters, per the Antenna Book. I used cut up coat hangers bent in a U shape to hold the wire down at the antenna end and a nail at the other end, pushed into the ground. Lots of guys have told me the wire will just morph into the surface, but the lawnmower test next spring will tell the tale.

Let me know if you would like to see a pix of the base. I put the MFJ 259B on the end of the coax in the shack the other night, and I'm long and short on the lengths of some sections, so I've got to get my son to help me adjust it over Thanksgiving break. It is about one S unit down right now from the G5RV at 40ft up when I do the old A vs B test, so I do need more radials. On the other hand, it can hear stations further out than the G5RV, so I think I'm getting the benefit of a lower angle of radiation. I've worked out as far as CA from GA with it and the Argonaut V and I've heard much further than that.

73,

John W4JKL

-----  
Date: Mon, 11 Nov 2002 16:32:01 -0500  
From: W2AGN <w2agn@w2agn.net>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [139897] Re: OT Linux Sendmail  
Message-ID: <3DCFDB81.3184.F455068@localhost>  
MIME-version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

On 11 Nov 2002 at 12:48, Dave Martin wrote:

> Which schools John? I've looked in all the course catalogs and I can't find  
> it anywhere.  
> Dave K2ZU  
>  
>  
Ask Karl.

---  
+-----+ John L. Sielke  
|W||2||A||G||N| <http://www.w2agn.net> [UPDATED]  
+-----+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

-----  
Date: Mon, 11 Nov 2002 14:40:58 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: qrp-l@lehigh.edu  
Subject: [139898] FOX: This Thursday  
Message-ID: <Pine.LNX.4.44.0211111434540.10985-1000000@Daisy.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I checked and this week Jim N0UR in Minnisota where it snows a lot and Paul K4FB in Florida drinking a mint Julip in shortsleeves will be the Foxes. From my point of view in New Mexico this should be a 2 fer 2 day unless we are hit by another flare or other solar event like yesterday.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

-----  
Date: Mon, 11 Nov 2002 21:23:01 +0000  
From: k4vib@att.net  
To: qrp-1@lehigh.edu  
Subject: [139899] SW30+ Question  
Message-ID: <20021111212301.YJB021264.mtiwmhc14.worldnet.att.net@mtiwebc17>

What is the number of turns on the primary and secondary of the transformer prior to the final? Also, what material is that toroid? I've got a schematic only and it doesn't contain that information.

Thanks,

Bill  
K4VIB

-----  
Date: Mon, 11 Nov 2002 14:53:55 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: Fred Lesnick <flesnick@tbaytel.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [139900] Re: FT-817 and NiMH Self Discharge?  
Message-ID: <Pine.LNX.4.44.0211111453000.10985-100000@Daisy.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Sorry Fred, the indicated page says nothing much about self discharge.

On Mon, 11 Nov 2002, Fred Lesnick wrote:

> <http://www.vencon.com/articles/nicd1.html>  
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

-----  
Date: Mon, 11 Nov 2002 17:05:56 -0500

From: "Ken Simpson, W8EK" <W8EK@fdt.net>  
To: "QRP List" <qrp-1@lehigh.edu>  
Subject: [139901] Autek QF-1 A and MFJ CWF-2 Audio Filters FS  
Message-ID: <049701c289ce\$88bdbec0\$63cad143@toshiba>

For Sale:

#### Autek QF-1 A Audio Filter

This is an audio filter that goes between your rig and speaker. It runs off of 110 V AC, and will peak, notch, or become a low pass or high pass filter. Selectivity (bandwidth) and frequency are adjustable from the front panel. This is the "A" model that also has an additional notch filter added. The input is an RCA phono plug, and the output is a 1/4 inch jack on the rear panel.

This particular unit looks very nice, and works the same. There is one small change from the original. A second input jack has been added, and a small switch on the back selects which of the two receivers will go thru the filter. Of course you can use it with just one if you want! With paper work for \$ 40.

#### MFJ CWF-2 CW filter

This audio filter is powered by a 9 V battery, and has a switch selectable bandwidth of 80, 110, or 180 hertz. Of course you can turn it off also! It inserts in the audio line, and can really cut the QRM down. It is not a fancy DSP filter, but then, neither is the price. This one is in very nice shape for \$15.

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson  
E-mail to W8EK@fdt.net or W8EK@arrl.net  
Voice Phone (352) 732-8400

-----  
Date: Mon, 11 Nov 2002 15:09:01 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: JLeroy@automationdirect.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [139902] Re: Ground Radial Construction Tips  
Message-ID: <Pine.LNX.4.44.0211111504030.11054-1000000@Daisy.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi John, Your testing is a little flawed. Take your MFJ antenna analyser out to the base of the ground plane. When your done at resonance the impedance should be 35 ohms. If you have ground loss it will read a higher impedance.

Never compare a ground plane to a low dipole. The dipole will always win on short paths, and the ground plane on long paths. Doesn't prove much...hi

On Mon, 11 Nov 2002 JLeroy@automationdirect.com wrote:

> Hi Jason,  
>  
> I just put mine back up at the current QTH, after buying the 30m kit. I went  
> to Home Depot and bought four 4ft pieces of half-inch copper pipe, four pipe  
>  
> 73,  
>  
>  
> John W4JKL  
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

-----  
Date: Mon, 11 Nov 2002 17:02:17 -0500



From: Fred Lesnick <flesnick@tbaytel.net>  
To: QRPL <qrp-1@lehigh.edu>  
Subject: [139903] Self Discharge of NiMH et all.....  
Message-ID: <3DD028E9.DE4311C0@tbaytel.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

<http://www.allegromicro.com/techpub2/cadex/index32.htm>

Self-discharge: Both NiMH and NiCd are affected by reasonably high self-discharge . The NiCd loses about 10% of its capacity within the first 24 hours, after which the self-discharge settles to about 10% per month. The self-discharge of the NiMH is one-and-a-half to two times higher than that of the NiCd. Selecting hydride materials that improve hydrogen bonding to reduce self-discharge typically also decrease the battery capacity.

-----  
Date: Mon, 11 Nov 2002 17:27:27 -0500  
From: NV9Z@aol.com  
To: qrp-1@lehigh.edu  
Subject: [139904] FOR TRADE: MFJ-16010 Mini Tuner  
Message-ID: <1820A57F.2AE86E34.00002FF3@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: 8bit

Hi QRPers!

I have an MFJ-16010 mini tuner for trade. I would like to swap it for a bigger tuner with built-in RF/SWR meter(s).

Please contact me off list at NV9Z@aol.com.

Thanks and very 73/72!

Chris Blaase NV9Z QRP-L #2370  
Hagerstown IN

-----  
Date: Tue, 12 Nov 2002 00:29:26 +0000  
From: Paul Mooney <mooney@cytanet.com.cy>  
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>

Subject: [139905] OT (OT)  
Message-ID: <200211120029.26149.mooney@cytanet.com.cy>  
Content-Type: text/plain;  
charset="us-ascii"  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable

I do not have a K2, use Linux (but subscribe to several Linux lists where I post any Linux-based queries/comments), and am not interested in people's personal views of each other (unless it directly involves me) nor fox-hunting.

However, I am interested in low-power radio, esp. homebrewing. Could anybody suggest a suitable list?

Paul M.

-----  
Date: Mon, 11 Nov 2002 14:23:12 -0800  
From: "Delbert Long" <ad6we@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [139906] Icom Radio / Microphone  
Message-ID: <F109dUg07MJJQ873Tlm00000916@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

I have acquired an ICOM IC-745 without microphone, manual, or power cord...

I got the power taken care of, but need to know how to wire a non-Icom mic ... also how to adjust the power to 5W out?

Thanks, and 73,

De1, AD6WE

"Not everything that can be counted counts, and not everything that counts can be counted."

- Albert Einstein (1879-1955)

-----  
Protect your PC - get McAfee.com VirusScan Online  
<http://clinic.mcafee.com/clinic/ibuy/campaign.asp?cid=3963>

-----  
Date: Mon, 11 Nov 2002 10:51:55 -0500  
From: wkhibbert@juno.com  
To: qrp-1@lehigh.edu  
Subject: [139907] LiOn batteries for Compaq?  
Message-ID: <20021111.172800.-186145.1.wkhibbert@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi, Keith here in the Depths of the Great Bergen Swamp

My brother-in-law gave me a couple of lithium batteries for Compaq laptops. One is a new spare and the other is a pull from a computer that died when a fish tank fell on it.

Anyway, I have no info on the batteries, no charger and want to find out if the batteries are OK or not. They are 14.8V/3.6 AH batteries, Compaq P/N 176778-001 and are designed for the Compaq CM2050/CM2060/CM2070 series of laptops

If anyone has one of these laptops, or an external charger for the same, I would like to ship the batteries to you and ask you to run them through a charge/discharge cycle or two.

I have to just post them for sale as I don't have a clue as to condition, and they look perfect for a portable rig if I can figure how to use them.

Direct replies here if you please.

73, Wm. Keith Hibbert, WB2VUO, TC/WNY ARRL Section  
President, Brockport Amateur Radio Klub  
"My night light runs more power than my Rig!!!"

-----  
Sign Up for Juno Platinum Internet Access Today  
Only \$9.95 per month!  
Visit [www.juno.com](http://www.juno.com)  
-----

Date: Mon, 11 Nov 2002 17:39:34 -0500  
From: "carl seyresdahl" <carlseye@tampabay.rr.com>  
To: <ham@w3eax.umd.edu>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [139908] Re: Needed - schematic for Radio Shack DX-394?  
Message-ID: <005b01c289d3\$35741520\$17ae2341@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

In my FWIW dept. If you need info on ANY radio Shack radios, go to your nearest RS and ask them ..they can get the info , if , of course, the people there have sense enough to call the main ofc. (in tex. I think.) I have gotten info that way several times. It ain't cheap, but it's there.!!!

carl / kz5ca

----- Original Message -----

From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Monday, November 11, 2002 12:05 PM  
Subject: Needed - schematic for Radio Shack DX-394?

> I got to messing with my DX-394 (at one point I was planning on selling  
> it) and discovered that the preamp is no longer working (the 20db  
> attenuator is "always on," meaning the preamp never comes on, I suspect).  
>  
> I have a complete parts list but the only place to find the schematic  
> diagram is in the service manual, which is no longer printed.  
>  
> Would anyone happen to have a copy of the schematic?  
>  
> Thanks,  
>  
> Scott N7JI  
>  
> --  
> Scott Rosenfeld ARS N7JI  
> 541-684-9970 Eugene, OR Land o' much rain  
> If you find me on the air, I'm probably in my car  
> ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>  
>

-----

Date: Mon, 11 Nov 2002 17:37:18 -0500  
From: "Russ Hines" <wb8zcc@one.net>  
To: <qrp-1@lehigh.edu>  
Subject: [139909] Re: OT Linux Sendmail  
Message-ID: <010301c289d2\$e4898370\$4307c00a@wb8zcc1>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

And I thought I was going to learn something about sendmail. What was I thinking?

73,  
Russ Hines  
WB8ZCC

----- Original Message -----  
From: "W2AGN" <w2agn@w2agn.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Monday, November 11, 2002 4:32 PM  
Subject: Re: OT Linux Sendmail

> On 11 Nov 2002 at 12:48, Dave Martin wrote:  
>  
> > Which schools John? I've looked in all the course catalogs and I can't  
find  
> > it anywhere.  
> > Dave K2ZU  
> >  
> >  
> Ask Karl.  
>  
>  
> ---  
> +---+---+---+---+ John L. Sielke  
> |W||2||A||G||N|       http://www.w2agn.net [UPDATED]  
> +---+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

-----  
Date: Mon, 11 Nov 2002 14:33:52 -0800  
From: Mighty Mik <mightymik2@attbi.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [139910] Palm M105  
Message-ID: <5.1.0.14.0.20021111143208.02450950@mail.attbi.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

You can get these for about \$66 shipped from that online auction place, if you don't mind a 'refurb'. I just got one, and it works and looks fine.

-----  
Date: Mon, 11 Nov 2002 17:54:14 -0500  
From: W2AGN <w2agn@w2agn.net>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [139911] Re: OT (OT)  
Message-ID: <3DCFEEC6.20060.F90991E@localhost>  
MIME-version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

On 12 Nov 2002 at 0:29, Paul Mooney wrote:

> I do not have a K2, use Linux (but subscribe to several Linux lists where I  
> post any Linux-based queries/comments), and am not interested in people's  
> personal views of each other (unless it directly involves me) nor  
> fox-hunting.

>

> However, I am interested in low-power radio, esp.homebrewing. Could  
anybody

> suggest a suitable list?

>

> Paul M.

>

>

>

You are hereby invited to join QRP-W. Simply send a blank message to "qrp-w-subscribe@topica.com."

May not be much there about QRP, but it is a place you can complain about OTHER lists.

---

+---+---+---+---+ John L. Sielke  
|W||2||A||G||N| http://www.w2agn.net [UPDATED]  
+---+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

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End of QRP-L Digest 2737

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